Conforms to Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals

SAFETY DATA SHEET

Agilent Technologies

SureSelect XT Methyl-Seq Reagent Kits - 96 Reactions - Revised Configuration, Part Number G9651B

Section 1. Identification

Product identifier	: SureSelect XT Methyl-Seq Reagent Kits - 96 Reactions - Revised Configuration, Part Number G9651B
Part no. (chemical kit)	: G9651B
Part no.	: 10X End Repair Buffer 5190-3609 5X T4 DNA Ligase Buffer 5190-3610 Klenow DNA Polymerase 5190-3615 T4 DNA Ligase 5190-3612
	T4 DNA Polymerase5190-3614T4 Polynucleotide Kinase5190-3616dNTP Mix5190-361810x Klenow Polymerase Buffer5190-3611
	Exo(-) Klenow5190-3613dATP5190-3617SureSelect Methyl-Seq Methylated5190-4970Adapter5190-4970
	SureSelect Methyl-Seq Indexing Primer 5190-4973 Common
	SureSelect Methyl-Seq PCR1 primer F 5190-4971 SureSelect Methyl-Seq PCR1 primer R 5190-4972 SureSelect Methyl-Seq PCR Master Mix 5190-7911
	SureSelect XT 8 bp Indexes5190-7928SureSelect Hyb 15190-4404
	SureSelect Hyb 25190-4397SureSelect Hyb 45190-4406SureSelect Binding Buffer5190-4407
	SureSelect Wash Buffer 15190-4408SureSelect Wash Buffer 25190-4409SureSelect Block 25190-4384
	SureSelect Hyb 35190-4385SureSelect RNase Block5190-4386SureSelect Indexing Block 15190-4428SureSelect Methyl-Seq Block 35190-5005
Relevant identified uses o	f the substance or mixture and uses advised against
Identified uses	: Analytical reagent.
	10X End Repair Buffer1.4 ml (96 reactions)5X T4 DNA Ligase Buffer1.4 ml (96 reactions)Klenow DNA Polymerase0.29 ml (96 reactions)
	T4 DNA Ligase0.21 ml (96 reactions)T4 DNA Polymerase0.14 ml (96 reactions)T4 Polynucleotide Kinase0.3 ml (96 reactions)ONTE Mix0.22 ml (96 reactions)
	dNTP Mix0.23 ml (96 reactions)10x Klenow Polymerase Buffer0.8 ml (96 reactions)Exo(-) Klenow0.49 ml (96 reactions)dATP0.16 ml (96 reactions)
	SureSelect Methyl-Seq Methylated Adapter 0.5 ml (96 reactions) SureSelect Methyl-Seq Indexing Primer 0.3 ml (96 reactions) Common
	SureSelect Methyl-Seq PCR1 primer F0.3 ml (96 reactions)SureSelect Methyl-Seq PCR1 primer R0.3 ml (96 reactions)SureSelect Methyl-Seq PCR Master Mix7.92 ml (96 reactions)
	SureSelect XT 8 bp Indexes1.44 ml (0.015 ml x 96 reactions)SureSelect Hyb 12.4 mlSureSelect Hyb 21.25 ml
	SureSelect Hyb 4 1.25 ml
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Section 1. Identification

	SureSelect Binding Buffer	80 ml	
	SureSelect Wash Buffer 1	48 ml	
	SureSelect Wash Buffer 2	144 ml	
	SureSelect Block 2	0.24 ml	
	SureSelect Hyb 3	0.96 ml	
	SureSelect RNase Block	0.096 ml	
	SureSelect Indexing Block 1	0.24 ml	
	SureSelect Methyl-Seq Block 3	0.058 ml	
Supplier/Manufacturer	: Agilent Technologies Australia Pty Ltd 679 Springvale Road Mulgrave Victoria 3170, Australia 1800 802 402		
Emergency telephone number (with hours of operation)	: CHEMTREC®: +(61)-290372994		

Section 2. Hazard(s) identification

Classification of the substance or mixture				
Klenow DNA Polymerase		SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2B		
H320	SERIOUS ETE DAMAGE/ETE	IRRITATION - Calegory 2B		
T4 DNA Ligase				
H320	SERIOUS EYE DAMAGE/EYE	IRRITATION - Category 2B		
T4 DNA Polymerase				
H320	SERIOUS EYE DAMAGE/EYE	IRRITATION - Category 2B		
T4 Polynucleotide Kinase		IRRITATION Cotogon 2R		
H320	SERIOUS EYE DAMAGE/EYE	IRRITATION - Calegory 2B		
Exo(-) Klenow				
H320	SERIOUS EYE DAMAGE/EYE	IRRITATION - Category 2B		
SureSelect Hyb 2				
H319	SERIOUS EYE DAMAGE/EYE			
H373	SPECIFIC TARGET ORGAN T	OXICITY - REPEATED EXPOSURE - Category 2		
SureSelect RNase Block				
H320				
1320	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2B			
SureSelect Indexing Block 1				
H320	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2B			
	10X End Repair Buffer	Percentage of the mixture consisting of ingredient(s)		
	,	of unknown hazards to the aquatic environment: 1.4%		
	5X T4 DNA Ligase Buffer	Percentage of the mixture consisting of ingredient(s)		
		of unknown hazards to the aquatic environment: 1%		
	Klenow DNA Polymerase	Percentage of the mixture consisting of ingredient(s)		
		of unknown hazards to the aquatic environment: 2%		
	T4 DNA Polymerase	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 2%		
	dNTP Mix	Percentage of the mixture consisting of ingredient(s)		
		of unknown hazards to the aquatic environment: 6%		
	10x Klenow Polymerase	Percentage of the mixture consisting of ingredient(s)		
	Buffer	of unknown hazards to the aquatic environment: 1.4%		
	SureSelect Hyb 3	Percentage of the mixture consisting of ingredient(s)		
		of unknown hazards to the aquatic environment: 3%		
	SureSelect Indexing Block 1	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 2%		
		or unknown nazarus to the aquatic environment: 2%		

GHS label elements

Hazard pictograms

: SureSelect Hyb 2



Signal word	: ᢊ X End Repair Buffer	No signal word.	
	5X T4 DNA Ligase Buffer	No signal word.	
	Klenow DNA Polymerase	WARNING	
	T4 DNA Ligase	WARNING	
	T4 DNA Polymerase	WARNING	
	T4 Polynucleotide Kinase	WARNING	
	dNTP Mix	No signal word.	
	10x Klenow Polymerase	No signal word.	
	Buffer Exo(-) Klenow	WARNING	
	dATP	No signal word.	
	SureSelect Methyl-Seq	No signal word.	
	Methylated Adapter		
	SureSelect Methyl-Seq	No signal word.	
	Indexing Primer Common	5	
	SureSelect Methyl-Seq	No signal word.	
	PCR1 primer F	Ŭ	
	SureSelect Methyl-Seq	No signal word.	
	PCR1 primer R	C C	
	SureSelect Methyl-Seq PCR	No signal word.	
	Master Mix		
	SureSelect XT 8 bp Indexes	•	
	SureSelect Hyb 1	No signal word.	
	SureSelect Hyb 2	WARNING	
	SureSelect Hyb 4	No signal word.	
	SureSelect Binding Buffer	No signal word.	
	SureSelect Wash Buffer 1	No signal word.	
	SureSelect Wash Buffer 2	No signal word.	
	SureSelect Block 2	No signal word.	
	SureSelect Hyb 3	No signal word.	
	SureSelect RNase Block SureSelect Indexing Block 1	WARNING WARNING	
	SureSelect Methyl-Seq	No signal word.	
	Block 3		
Hazard statements	: 10X End Repair Buffer	No known significant effects or critical hazards.	
nazara otatomonto	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.	
	Klenow DNA Polymerase	H320 - Causes eye irritation.	
	T4 DNA Ligase	H320 - Causes eye irritation.	
	T4 DNA Polymerase	H320 - Causes eye irritation.	
	T4 Polynucleotide Kinase	H320 - Causes eye irritation.	
	dNTP Mix	No known significant effects or critical hazards.	
	10x Klenow Polymerase	No known significant effects or critical hazards.	
	Buffer		
	Exo(-) Klenow	H320 - Causes eye irritation.	
	dATP	No known significant effects or critical hazards.	
	SureSelect Methyl-Seq	No known significant effects or critical hazards.	
	Methylated Adapter		
	SureSelect Methyl-Seq	No known significant effects or critical hazards.	
	Indexing Primer Common		
	SureSelect Methyl-Seq	No known significant effects or critical hazards.	
	PCR1 primer F	No longer along the sector of	
	SureSelect Methyl-Seq	No known significant effects or critical hazards.	
	PCR1 primer R	No known aignificant affacts as spitiast home	
	SureSelect Methyl-Seq PCR	No known significant effects or critical hazards.	
	Master Mix SureSelect XT 8 bp Indexes	No known significant effects or critical hazards.	
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	SureSelect Hyb 1 SureSelect Hyb 2	No known significant effects or critical hazards. H319 - Causes serious eye irritation. H373 - May cause damage to organs through prolonged or repeated exposure. (respiratory tract)
	SureSelect Hyb 4	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect RNase Block	H320 - Causes eye irritation.
	SureSelect Indexing Block 1	H320 - Causes eye irritation.
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Block 3	
Precautionary statements	<u>></u>	
Prevention	: 邥 End Repair Buffer	Not applicable.
	5X T4 DNA Ligase Buffer	Not applicable.
	Klenow DNA Polymerase	Not applicable.
	T4 DNA Ligase	Not applicable.
	T4 DNA Polymerase	Not applicable.
	T4 Polynucleotide Kinase	Not applicable.
	dNTP Mix	Not applicable.
	10x Klenow Polymerase	Not applicable.
	Buffer	
	Exo(-) Klenow	Not applicable.
	dATP	Not applicable.
	SureSelect Methyl-Seq	Not applicable.
	Methylated Adapter	Not applicable
	SureSelect Methyl-Seq Indexing Primer Common	Not applicable.
	SureSelect Methyl-Seq	Not applicable.
	PCR1 primer F	
	SureSelect Methyl-Seq	Not applicable.
	PCR1 primer R	
	SureSelect Methyl-Seq PCR	Not applicable.
	Master Mix	
	SureSelect XT 8 bp Indexes	
	SureSelect Hyb 1	Not applicable.
	SureSelect Hyb 2	P280 - Wear eye or face protection.
	Cure Cale at Lluth 4	P260 - Do not breathe vapour.
	SureSelect Hyb 4	Not applicable.
	SureSelect Binding Buffer SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buller 1 SureSelect Wash Buffer 2	Not applicable. Not applicable.
	SureSelect Wash Buller 2 SureSelect Block 2	Not applicable.
	SureSelect Hyb 3	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Indexing Block 1	Not applicable.
	SureSelect Methyl-Seq	Not applicable.
	Block 3	••
Response	: 🕫 X End Repair Buffer	Not applicable.
	5X T4 DNA Ligase Buffer	Not applicable.
	Klenow DNA Polymerase	P305 + P351 + P338 - IF IN EYES: Rinse cautiously
	2	with water for several minutes. Remove contact
		lenses, if present and easy to do. Continue rinsing.
		P337 + P313 - If eye irritation persists: Get medical
		advice or attention.
	T4 DNA Ligase	P305 + P351 + P338 - IF IN EYES: Rinse cautiously
		with water for several minutes. Remove contact
		lenses, if present and easy to do. Continue rinsing.
		P337 + P313 - If eye irritation persists: Get medical
	TI DNA Polymorooo	advice or attention.
	T4 DNA Polymerase	P305 + P351 + P338 - IF IN EYES: Rinse cautiously
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	laontinoution	
	T4 Polynucleotide Kinase	with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice or attention. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice or attention.
	dNTP Mix 10x Klenow Polymerase Buffer	Not applicable.
	Exo(-) Klenow	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice or attention.
	dATP SureSelect Methyl-Seq Methylated Adapter	Not applicable. Not applicable.
	SureSelect Methyl-Seq Indexing Primer Common	Not applicable.
	SureSelect Methyl-Seq PCR1 primer F	Not applicable.
	SureSelect Methyl-Seq PCR1 primer R	Not applicable.
	SureSelect Methyl-Seq PCR Master Mix	Not applicable.
	SureSelect XT 8 bp Indexes SureSelect Hyb 1 SureSelect Hyb 2	Not applicable. Not applicable. P314 - Get medical advice/attention if you feel unwell. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical
	SureSelect Hyb 4 SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Block 2 SureSelect Hyb 3 SureSelect RNase Block	advice or attention. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice or attention.
	SureSelect Indexing Block 1	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice or attention.
	SureSelect Methyl-Seq Block 3	Not applicable.
:	10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.

Storage

	laonanoation	
	Exo(-) Klenow	Not applicable.
	dATP	Not applicable.
	SureSelect Methyl-Seq	Not applicable.
	Methylated Adapter	···· ··· ·····························
	SureSelect Methyl-Seq	Not applicable.
		Not applicable.
	Indexing Primer Common	M. A. S. S. P. S. L.
	SureSelect Methyl-Seq	Not applicable.
	PCR1 primer F	
	SureSelect Methyl-Seq	Not applicable.
	PCR1 primer R	
	SureSelect Methyl-Seq PCR	Not applicable.
	Master Mix	
	SureSelect XT 8 bp Indexes	Not applicable.
	SureSelect Hyb 1	Not applicable.
	SureSelect Hyb 2	Not applicable.
	SureSelect Hyb 4	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	
		Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect Block 2	Not applicable.
	SureSelect Hyb 3	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Indexing Block 1	Not applicable.
	SureSelect Methyl-Seq	Not applicable.
	Block 3	
Disposal :	10X End Repair Buffer	Not applicable.
Disposal .	5X T4 DNA Ligase Buffer	Not applicable.
	Klenow DNA Polymerase	
		Not applicable.
	T4 DNA Ligase	Not applicable.
	T4 DNA Polymerase	Not applicable.
	T4 Polynucleotide Kinase	Not applicable.
	dNTP Mix	Not applicable.
	10x Klenow Polymerase	Not applicable.
	Buffer	
	Exo(-) Klenow	Not applicable.
	dATP	Not applicable.
	SureSelect Methyl-Seq	Not applicable.
	Methylated Adapter	
	SureSelect Methyl-Seq	Not applicable.
	Indexing Primer Common	
	SureSelect Methyl-Seq	Not applicable.
	PCR1 primer F	
	SureSelect Methyl-Seq	Not applicable.
	PCR1 primer R	
	SureSelect Methyl-Seq PCR	Not applicable.
	Master Mix	
	SureSelect XT 8 bp Indexes	Not applicable.
	SureSelect Hyb 1	Not applicable.
	SureSelect Hyb 2	P501 - Dispose of contents and container in
	Sureceieet Tyb 2	accordance with all local, regional, national and
		international regulations.
	SureSelect Hyb 4	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect Block 2	Not applicable.
	SureSelect Hyb 3	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Indexing Block 1	Not applicable.
	SureSelect Methyl-Seq	Not applicable.
	Block 3	
Supplemental label elements		

Supplemental label elements

	1	
Additional warning	: 10X End Repair Buffer	Not applicable.
phrases	5X T4 DNA Ligase Buffer	Not applicable.
-	Klenow DNA Polymerase	Not applicable.
	T4 DNA Ligase	Not applicable.
	T4 DNA Polymerase	Not applicable.
	T4 Polynucleotide Kinase	Not applicable.
	dNTP Mix	Not applicable.
	10x Klenow Polymerase	Not applicable.
	Buffer	
	Exo(-) Klenow	Not applicable.
	dATP	Not applicable.
	SureSelect Methyl-Seq	Not applicable.
	Methylated Adapter	
	SureSelect Methyl-Seq	Not applicable.
	Indexing Primer Common	
	SureSelect Methyl-Seq	Not applicable.
	PCR1 primer F	
	SureSelect Methyl-Seq	Not applicable.
	PCR1 primer R	
	SureSelect Methyl-Seq PCR	Not applicable.
	Master Mix	
	SureSelect XT 8 bp Indexes	Not applicable.
	SureSelect Hyb 1	Not applicable.
	SureSelect Hyb 2	Not applicable.
	SureSelect Hyb 4	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect Block 2	Not applicable.
	SureSelect Hyb 3	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Indexing Block 1	Not applicable.
	SureSelect Methyl-Seq	Not applicable.
	Block 3	
Others have a subject of a set	Block 3	
Other hazards which do not	Block 3 : 10X End Repair Buffer	None known.
Other hazards which do not result in classification	Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer	None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase 	None known. None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase 	None known. None known. None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase 	None known. None known. None known. None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase 	None known. None known. None known. None known. None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 	None known. None known. None known. None known. None known. None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase 	None known. None known. None known. None known. None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer 	None known. None known. None known. None known. None known. None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow 	None known. None known. None known. None known. None known. None known. None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP 	None known. None known. None known. None known. None known. None known. None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq 	None known. None known. None known. None known. None known. None known. None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter 	None known. None known. None known. None known. None known. None known. None known. None known. None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq 	None known. None known. None known. None known. None known. None known. None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common 	None known. None known. None known. None known. None known. None known. None known. None known. None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq 	None known. None known. None known. None known. None known. None known. None known. None known. None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F 	None known. None known. None known. None known. None known. None known. None known. None known. None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq 	None known. None known. None known. None known. None known. None known. None known. None known. None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R 	None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR1 	None known. None known. None known. None known. None known. None known. None known. None known. None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR1 primer R 	None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR Master Mix SureSelect XT 8 bp Indexes 	None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR Master Mix SureSelect XT 8 bp Indexes SureSelect Hyb 1 	None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR Master Mix SureSelect XT 8 bp Indexes SureSelect Hyb 1 SureSelect Hyb 2 	None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR Master Mix SureSelect XT 8 bp Indexes SureSelect Hyb 1 SureSelect Hyb 2 SureSelect Hyb 4 	None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR Master Mix SureSelect Methyl-Seq PCR Master Mix SureSelect Hyb 1 SureSelect Hyb 4 SureSelect Hyb 4 SureSelect Binding Buffer 	None known. None known.
	 Block 3 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR Master Mix SureSelect XT 8 bp Indexes SureSelect Hyb 1 SureSelect Hyb 2 SureSelect Hyb 4 	None known. None known.

SureSelect Block 2 SureSelect Hyb 3 SureSelect RNase Block SureSelect Indexing Block 1 SureSelect Methyl-Seq Block 3

None known. None known. None known. None known. None known.

Section 3. Composition and ingredient information

Substance/mixture	:	10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix	Mixture Mixture Mixture Mixture Mixture Mixture Mixture
		10x Klenow Polymerase Buffer	Mixture
		Exo(-) Klenow	Mixture
		dATP	Mixture
		SureSelect Methyl-Seq Methylated Adapter	Mixture
		SureSelect Methyl-Seq Indexing Primer Common	Mixture
		SureSelect Methyl-Seq PCR1 primer F	Mixture
		SureSelect Methyl-Seq PCR1 primer R	Mixture
		SureSelect Methyl-Seq PCR Master Mix	Mixture
		SureSelect XT 8 bp Indexes	Mixture
		SureSelect Hyb 1	Mixture
		SureSelect Hyb 2	Mixture
		SureSelect Hyb 4	Mixture
		SureSelect Binding Buffer	Mixture
		SureSelect Wash Buffer 1	Mixture
		SureSelect Wash Buffer 2	Mixture
		SureSelect Block 2	Mixture
		SureSelect Hyb 3	Mixture
		SureSelect RNase Block	Mixture
		SureSelect Indexing Block 1 SureSelect Methyl-Seq Block 3	Mixture Mixture

CAS number/other identifiers

Ingredient name	% (w/w)	CAS number
5X T4 DNA Ligase Buffer		
Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy- Ethane-1,2-diol, ethoxylated	≥10 - ≤30	25322-68-3
Klenow DNA Polymerase		
Glycerol	≥30 - ≤60	56-81-5
T4 DNA Ligase		
Glycerol	≥30 - ≤60	56-81-5
T4 DNA Polymerase		
Date of issue/Date of revision : 29/02/2024 Date of previous issue	: 10/03/2021	ا Version : 5 8

SureSelect XT Methyl-Seq Reagent Kits - 96 Reactions - Revised Configuration, Part Number G9651B Section 3. Composition and ingredient information			
T4 Polynucleotide Kinase			
Glycerol	≥30 - ≤60	56-81-5	
Exo(-) Klenow			
Glycerol	≥30 - ≤60	56-81-5	
SureSelect Methyl-Seq PCR Master Mix			
Glycerol	<10	56-81-5	
SureSelect Hyb 2			
Edetic acid	≥10 - <30	60-00-4	
SureSelect RNase Block			
Glycerol	≥30 - ≤60	56-81-5	
SureSelect Indexing Block 1			
Glycerol	≥30 - ≤60	56-81-5	

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

The total concentration of ingredients in this product, reported or not in this section, is 100%.

Occupational exposure limits, if available, are listed in Section 8.

Description of necessa	iry first aid measures	
Eye contact	: 10X End Repair Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	5X T4 DNA Ligase Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	Klenow DNA Polymerase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
	T4 DNA Ligase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
	T4 DNA Polymerase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.

T4 Polynucleotide Kinase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, and medical attention
dNTP Mix	get medical attention. Immediately flush eyes with plenty of water,
	occasionally lifting the upper and lower eyelids.
	Check for and remove any contact lenses. Get
10x Klanow Dolymorooo	medical attention if irritation occurs.
10x Klenow Polymerase Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.
Ballor	Check for and remove any contact lenses. Get
	medical attention if irritation occurs.
Exo(-) Klenow	Immediately flush eyes with plenty of water,
	occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue
	to rinse for at least 10 minutes. If irritation persists,
	get medical attention.
dATP	Immediately flush eyes with plenty of water,
	occasionally lifting the upper and lower eyelids.
	Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect Methyl-Seq	Immediately flush eyes with plenty of water,
Methylated Adapter	occasionally lifting the upper and lower eyelids.
, i	Check for and remove any contact lenses. Get
	medical attention if irritation occurs.
SureSelect Methyl-Seq	Immediately flush eyes with plenty of water,
Indexing Primer Common	occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get
	medical attention if irritation occurs.
SureSelect Methyl-Seq	Immediately flush eyes with plenty of water,
PCR1 primer F	occasionally lifting the upper and lower eyelids.
	Check for and remove any contact lenses. Get
SureSelect Methyl-Seq	medical attention if irritation occurs. Immediately flush eyes with plenty of water,
PCR1 primer R	occasionally lifting the upper and lower eyelids.
	Check for and remove any contact lenses. Get
	medical attention if irritation occurs.
SureSelect Methyl-Seq PCR Master Mix	Immediately flush eyes with plenty of water,
Master Mix	occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get
	medical attention if irritation occurs.
SureSelect XT 8 bp Indexes	Immediately flush eyes with plenty of water,
	occasionally lifting the upper and lower eyelids.
	Check for and remove any contact lenses. Get
SureSelect Hyb 1	medical attention if irritation occurs. Immediately flush eyes with plenty of water,
	occasionally lifting the upper and lower eyelids.
	Check for and remove any contact lenses. Get
	medical attention if irritation occurs.
SureSelect Hyb 2	Immediately flush eyes with plenty of water,
	occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue
	to rinse for at least 10 minutes. Get medical attention.
SureSelect Hyb 4	Immediately flush eyes with plenty of water,
	occasionally lifting the upper and lower eyelids.
	Check for and remove any contact lenses. Get
SureSelect Binding Buffer	medical attention if irritation occurs. Immediately flush eyes with plenty of water,
	occasionally lifting the upper and lower eyelids.
	Check for and remove any contact lenses. Get
	medical attention if irritation occurs.
SureSelect Wash Buffer 1	Immediately flush eyes with plenty of water,

Inhalation

	SureSelect Wash Buffer 2	occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get
	SureSelect Block 2	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get
	SureSelect Hyb 3	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get
	SureSelect RNase Block	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
	SureSelect Indexing Block 1	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
	SureSelect Methyl-Seq Block 3	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
:	₩X End Repair Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	5X T4 DNA Ligase Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	Klenow DNA Polymerase	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
	T4 DNA Ligase	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

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T4 DNA Polymerase	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
T4 Polynucleotide Kinase	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
dNTP Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
10x Klenow Polymerase Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Exo(-) Klenow	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
dATP	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect Methyl-Seq Methylated Adapter	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect Methyl-Seq Indexing Primer Common	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect Methyl-Seq PCR1 primer F	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect Methyl-Seq PCR1 primer R	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect Methyl-Seq PCR Master Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

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SureSelect XT 8 bp Indexes	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical
	attention if symptoms occur.
SureSelect Hyb 1	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical
	attention if symptoms occur.
SureSelect Hyb 2	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. If not breathing, if
	breathing is irregular or if respiratory arrest occurs,
	provide artificial respiration or oxygen by trained
	personnel. It may be dangerous to the person
	providing aid to give mouth-to-mouth resuscitation.
	Get medical attention following exposure or if feeling
	unwell. If unconscious, place in recovery position
	and get medical attention immediately. Maintain an
	open airway. Loosen tight clothing such as a collar,
	tie, belt or waistband. In case of inhalation of
	decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept
	under medical surveillance for 48 hours.
SureSelect Hyb 4	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. Get medical
	attention if symptoms occur.
SureSelect Binding Buffer	Remove victim to fresh air and keep at rest in a
-	position comfortable for breathing. Get medical
	attention if symptoms occur.
SureSelect Wash Buffer 1	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. Get medical
	attention if symptoms occur.
SureSelect Wash Buffer 2	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect Block 2	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. Get medical
	attention if symptoms occur. In case of inhalation of
	decomposition products in a fire, symptoms may be
	delayed. The exposed person may need to be kept
	under medical surveillance for 48 hours.
SureSelect Hyb 3	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. Get medical
	attention if symptoms occur. In case of inhalation of
	decomposition products in a fire, symptoms may be
	delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
SureSelect RNase Block	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. If not breathing, if
	breathing is irregular or if respiratory arrest occurs,
	provide artificial respiration or oxygen by trained
	personnel. It may be dangerous to the person
	providing aid to give mouth-to-mouth resuscitation.
	Get medical attention if adverse health effects persist
	or are severe. If unconscious, place in recovery
	position and get medical attention immediately.
	Maintain an open airway. Loosen tight clothing such
SureSelect Indexing Block 1	as a collar, tie, belt or waistband. Remove victim to fresh air and keep at rest in a
Sureselect Indexing Diock 1	position comfortable for breathing. If not breathing, if
	breathing is irregular or if respiratory arrest occurs,
	provide artificial respiration or oxygen by trained
	personnel. It may be dangerous to the person
	providing aid to give mouth-to-mouth resuscitation.
	Get medical attention if adverse health effects persist
	or are severe. If unconscious, place in recovery

	SureSelect Methyl-Seq Block 3	position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	: 🗚 End Repair Buffer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	5X T4 DNA Ligase Buffer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Klenow DNA Polymerase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing
	T4 DNA Ligase	before reuse. Clean shoes thoroughly before reuse. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing
	T4 DNA Polymerase	before reuse. Clean shoes thoroughly before reuse. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
	T4 Polynucleotide Kinase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
	dNTP Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	10x Klenow Polymerase Buffer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get
	Exo(-) Klenow	medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
	dATP	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect Methyl-Seq Methylated Adapter	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect Methyl-Seq Indexing Primer Common	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect Methyl-Seq PCR1 primer F	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect Methyl-Seq PCR1 primer R	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect Methyl-Seq PCR Master Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect XT 8 bp Indexes	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect Hyb 1	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect Hyb 2	Flush contaminated skin with plenty of water.
Date of issue/Date of revision	: 29/02/2024 Date of previous is	ssue : 10/03/2021 Version : 5 14/8

SureSelect XT Methyl-Seq Reagent Kits - 96 Reactions - Revised Configuration, Part Number G9651B

		Remove contaminated clothing and shoes. Continue
		to rinse for at least 10 minutes. Get medical attention
		following exposure or if feeling unwell. Wash clothing
		before reuse. Clean shoes thoroughly before reuse.
	SureSelect Hyb 4	Flush contaminated skin with plenty of water.
		Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	SureSelect Binding Buffer	Flush contaminated skin with plenty of water.
		Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	SureSelect Wash Buffer 1	Flush contaminated skin with plenty of water.
		Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	SureSelect Wash Buffer 2	Flush contaminated skin with plenty of water.
		Remove contaminated clothing and shoes. Get
	Sura Salaat Black 2	medical attention if symptoms occur.
	SureSelect Block 2	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	SureSelect Hyb 3	Flush contaminated skin with plenty of water.
	Sureselect right 5	Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	SureSelect RNase Block	Flush contaminated skin with plenty of water.
	Surescient Mase Block	Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur. Wash clothing
		before reuse. Clean shoes thoroughly before reuse.
	SureSelect Indexing Block 1	Flush contaminated skin with plenty of water.
		Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur. Wash clothing
		before reuse. Clean shoes thoroughly before reuse.
	SureSelect Methyl-Seq	Flush contaminated skin with plenty of water.
	Block 3	Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
Ingestion :	₩X End Repair Buffer	Wash out mouth with water. If material has been
-	•	swallowed and the exposed person is conscious, give
		small quantities of water to drink. Do not induce
		vomiting unless directed to do so by medical
		personnel. Get medical attention if symptoms occur.
	5X T4 DNA Ligase Buffer	Wash out mouth with water. If material has been
		swallowed and the exposed person is conscious, give
		small quantities of water to drink. Do not induce
		vomiting unless directed to do so by medical
		personnel. Get medical attention if symptoms occur.
	Klenow DNA Polymerase	Wash out mouth with water. Remove dentures if any.
		If material has been swallowed and the exposed
		person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as
		vomiting may be dangerous. Do not induce vomiting
		unless directed to do so by medical personnel. If
		unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that
		unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention
		unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never
		unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention
		unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If
		unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get
		unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open
	T4 DNA Ligase	unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Wash out mouth with water. Remove dentures if any.
	T4 DNA Ligase	unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed
	T4 DNA Ligase	unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to
	T4 DNA Ligase	unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as
	T4 DNA Ligase	unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting
	T4 DNA Ligase	unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as

	vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
T4 DNA Polymerase	Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie,
T4 Polynucleotide Kinase	belt or waistband. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie,
dNTP Mix	belt or waistband. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
10x Klenow Polymerase Buffer	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Exo(-) Klenow	Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
dATP	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce

SureSelect Methyl-Seq Methylated Adapter	vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical
SureSelect Methyl-Seq Indexing Primer Common	personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect Methyl-Seq PCR1 primer F	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical
SureSelect Methyl-Seq PCR1 primer R	personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical
SureSelect Methyl-Seq PCR Master Mix	personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical
SureSelect XT 8 bp Indexes	personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical
SureSelect Hyb 1	personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical
SureSelect Hyb 2	personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention following exposure or if feeling unwell. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
SureSelect Hyb 4	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect Binding Buffer	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect Wash Buffer 1	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give

	SureSelect Wash Buffer 2	small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical
	SureSelect Block 2	personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical
	SureSelect Hyb 3	personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical
	SureSelect RNase Block	personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie,
	SureSelect Indexing Block 1	belt or waistband. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie,
	SureSelect Methyl-Seq Block 3	belt or waistband. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Most important symptoms/effe	cts, acute and delayed	
Potential acute health effects	_	
Eye contact :	10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase	No known significant effects or critical hazards. No known significant effects or critical hazards. Causes eye irritation.

Eye contact	 X End Repair Buffer X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 	No known significant effects or critical hazards. No known significant effects or critical hazards. Causes eye irritation. Causes eye irritation. Causes eye irritation. Causes eye irritation. No known significant effects or critical hazards.
	10x Klenow Polymerase	No known significant effects or critical hazards.

	Duffer	
	Buffer	
	Exo(-) Klenow	Causes eye irritation.
	dATP	No known significant effects or critical hazards.
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Methylated Adapter	
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Indexing Primer Common	5
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
		No known significant effects of childar hazards.
	PCR1 primer F	
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	PCR1 primer R	
	SureSelect Methyl-Seq PCR	No known significant effects or critical hazards.
	Master Mix	
	SureSelect XT 8 bp Indexes	No known significant effects or critical hazards.
	SureSelect Hyb 1	No known significant effects or critical hazards.
	SureSelect Hyb 2	Causes serious eye irritation.
	SureSelect Hyb 4	
		No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect RNase Block	Causes eye irritation.
	SureSelect Indexing Block 1	Causes eye irritation.
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Block 3	No known significant chects of childar hazards.
Inhalation :	10X End Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase	No known significant effects or critical hazards.
	T4 Polynucleotide Kinase	No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.
	10x Klenow Polymerase Buffer	No known significant effects or critical hazards.
		No known aignificant offacts or critical bazarda
	Exo(-) Klenow	No known significant effects or critical hazards.
	dATP	No known significant effects or critical hazards.
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Methylated Adapter	
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Indexing Primer Common	
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	PCR1 primer F	
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	PCR1 primer R	5
	SureSelect Methyl-Seq PCR	No known significant effects or critical hazards.
	Master Mix	
	SureSelect XT 8 bp Indexes	No known significant effects or critical hazards.
		No known significant effects or critical hazards.
	SureSelect Hyb 1	
	SureSelect Hyb 2	No known significant effects or critical hazards.
	SureSelect Hyb 4	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Indexing Block 1	No known significant effects or critical hazards.
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Block 3	
	DIOOR O	

Skin contact :	10X End Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase	No known significant effects or critical hazards.
	T4 Polynucleotide Kinase	No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.
	10x Klenow Polymerase	No known significant effects or critical hazards.
	Buffer	
	Exo(-) Klenow	No known significant effects or critical hazards.
	dATP	No known significant effects or critical hazards.
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Methylated Adapter	No known cignificant offects or critical beyonds
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Indexing Primer Common	No known aignifiaant affaata ar aritiaal bazarda
	SureSelect Methyl-Seq PCR1 primer F	No known significant effects or critical hazards.
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	PCR1 primer R	No known significant effects of childar hazards.
	SureSelect Methyl-Seq PCR	No known significant effects or critical hazards.
	Master Mix	No known significant effects of childar hazards.
	SureSelect XT 8 bp Indexes	No known significant effects or critical hazards.
	SureSelect Hyb 1	No known significant effects or critical hazards.
	SureSelect Hyb 2	No known significant effects or critical hazards.
	SureSelect Hyb 4	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Indexing Block 1	No known significant effects or critical hazards.
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Block 3	5
Ingestion :	10X End Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase	No known significant effects or critical hazards.
	T4 Polynucleotide Kinase	No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.
	10x Klenow Polymerase	No known significant effects or critical hazards.
	Buffer	-
	Exo(-) Klenow	No known significant effects or critical hazards.
	dATP	No known significant effects or critical hazards.
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Methylated Adapter	
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Indexing Primer Common	
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	PCR1 primer F	
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	PCR1 primer R	No known aignificant affacts ar aritical bazarda
	SureSelect Methyl-Seq PCR Master Mix	No known significant effects or critical hazards.
	SureSelect XT 8 bp Indexes	No known significant effects or critical bazarda
	SureSelect Hyb 1	No known significant effects or critical hazards. No known significant effects or critical hazards.
	SureSelect Hyb 2	No known significant effects or critical hazards.
	SureSelect Hyb 2	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
		to known organioant choolo of officar hazalus.

	SureSelect Hyb 3 SureSelect RNase Block SureSelect Indexing Block 1 SureSelect Methyl-Seq Block 3	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Over-exposure signs/syn	nptoms	
Eye contact	: 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase	No specific data. No specific data. Adverse symptoms may include the following: irritation watering redness
	T4 DNA Ligase	Adverse symptoms may include the following: irritation watering redness
	T4 DNA Polymerase	Adverse symptoms may include the following: irritation watering redness
	T4 Polynucleotide Kinase	Adverse symptoms may include the following: irritation watering redness
	dNTP Mix 10x Klenow Polymerase Buffer	No specific data. No specific data.
	Exo(-) Klenow	Adverse symptoms may include the following: irritation watering redness
	dATP SureSelect Methyl-Seq	No specific data. No specific data.
	Methylated Adapter SureSelect Methyl-Seq	No specific data.
	Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F	No specific data.
	SureSelect Methyl-Seq PCR1 primer R	No specific data.
	SureSelect Methyl-Seq PCR Master Mix	No specific data.
	SureSelect XT 8 bp Indexes SureSelect Hyb 1 SureSelect Hyb 2	No specific data. No specific data. Adverse symptoms may include the following:
		pain or irritation watering redness
	SureSelect Hyb 4 SureSelect Binding Buffer SureSelect Wash Buffer 1	No specific data. No specific data. No specific data.
	SureSelect Wash Buffer 2 SureSelect Block 2 SureSelect Hyb 3	No specific data. No specific data. No specific data.
	SureSelect RNase Block	Adverse symptoms may include the following: irritation watering redness
	SureSelect Indexing Block 1	Adverse symptoms may include the following: irritation watering redness
	SureSelect Methyl-Seq	No specific data.
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	Block 3	
Inhalation :	10X End Repair Buffer	No specific data.
	5X T4 DNA Ligase Buffer	No specific data.
	Klenow DNA Polymerase	No specific data.
	T4 DNA Ligase	No specific data.
	T4 DNA Polymerase	No specific data.
	T4 Polynucleotide Kinase	No specific data.
	dNTP Mix	No specific data.
	10x Klenow Polymerase	No specific data.
	Buffer	
	Exo(-) Klenow	No specific data.
	dATP	No specific data.
	SureSelect Methyl-Seq	No specific data.
	Methylated Adapter	NI 101 I 1
	SureSelect Methyl-Seq	No specific data.
	Indexing Primer Common	Nie aussikie slate
	SureSelect Methyl-Seq PCR1 primer F	No specific data.
	SureSelect Methyl-Seq	No specific data.
	PCR1 primer R	
	SureSelect Methyl-Seq PCR Master Mix	No specific data.
	SureSelect XT 8 bp Indexes	No specific data.
	SureSelect Hyb 1	No specific data.
	SureSelect Hyb 2	No specific data.
	SureSelect Hyb 4	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect Block 2	No specific data.
	SureSelect Hyb 3	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Indexing Block 1	No specific data.
	SureSelect Methyl-Seq Block 3	No specific data.
Skin contact :	10X End Repair Buffer	No specific data.
	5X T4 DNA Ligase Buffer	No specific data.
	Klenow DNA Polymerase	No specific data.
	T4 DNA Ligase	No specific data.
	T4 DNA Polymerase	No specific data.
	T4 Polynucleotide Kinase	No specific data.
	dNTP Mix	No specific data.
	10x Klenow Polymerase	No specific data.
	Buffer	
	Exo(-) Klenow	No specific data.
	dATP	No specific data.
	SureSelect Methyl-Seq	No specific data.
	Methylated Adapter SureSelect Methyl-Seq	No specific data.
	Indexing Primer Common	
	SureSelect Methyl-Seq PCR1 primer F	No specific data.
	SureSelect Methyl-Seq PCR1 primer R	No specific data.
	SureSelect Methyl-Seq PCR Master Mix	No specific data.
	SureSelect XT 8 bp Indexes	No specific data.
	SureSelect Hyb 1	No specific data.
	SureSelect Hyb 2	No specific data.
	SureSelect Hyb 4	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
		•

	SureSelect Block 2	No specific data.
	SureSelect Hyb 3	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Indexing Block 1	No specific data.
	SureSelect Methyl-Seq	No specific data.
	Block 3	
Ingestion	: 10X End Repair Buffer	No specific data.
	5X T4 DNA Ligase Buffer	No specific data.
	Klenow DNA Polymerase	No specific data.
	T4 DNA Ligase	No specific data.
	T4 DNA Polymerase	No specific data.
	T4 Polynucleotide Kinase	No specific data.
	dNTP Mix	No specific data.
	10x Klenow Polymerase	No specific data.
	Buffer	
		No operific data
	Exo(-) Klenow	No specific data.
	dATP	No specific data.
	SureSelect Methyl-Seq	No specific data.
	Methylated Adapter	
	SureSelect Methyl-Seq	No specific data.
	Indexing Primer Common	
	SureSelect Methyl-Seq	No specific data.
	PCR1 primer F	
	SureSelect Methyl-Seq	No specific data.
	PCR1 primer R	
	SureSelect Methyl-Seq PCR	No specific data.
	Master Mix	
	SureSelect XT 8 bp Indexes	No specific data.
	SureSelect Hyb 1	No specific data.
	SureSelect Hyb 2	No specific data.
	SureSelect Hyb 4	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect Block 2	No specific data.
	SureSelect Hyb 3	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Indexing Block 1	No specific data.
	SureSelect Methyl-Seq	No specific data.
	Block 3	
Indication of immediate m	nedical attention and special treatr	ment needed, if necessary
Notes to physician	: 10X End Repair Buffer	In case of inhalation of decomposition products in a
		fire, symptoms may be delayed. The exposed
		person may need to be kept under medical
		surveillance for 48 hours.
	5X T4 DNA Ligase Buffer	In case of inhalation of decomposition products in a
	er () _) _)	fire, symptoms may be delayed. The exposed
		person may need to be kept under medical
		surveillance for 48 hours.
	Klenow DNA Polymerase	Treat symptomatically. Contact poison treatment
		specialist immediately if large quantities have been
		ingested or inhaled.
	T4 DNA Ligase	Treat symptomatically. Contact poison treatment
	IT DIA LIYASE	
		specialist immediately if large quantities have been
		ingested or inhaled.
	T4 DNA Polymerase	Treat symptomatically. Contact poison treatment
		specialist immediately if large quantities have been
		ingested or inhaled.
	T4 Polynucleotide Kinase	Treat symptomatically. Contact poison treatment
		specialist immediately if large quantities have been
		ingested or inhaled.
	dNTP Mix	In case of inhalation of decomposition products in a

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	fire, symptoms may be delayed. The exposed person may need to be kept under medical
	surveillance for 48 hours.
10x Klenow Polymerase Buffer	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed
	person may need to be kept under medical
	surveillance for 48 hours.
Exo(-) Klenow	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
dATP	Treat symptomatically. Contact poison treatment
UATE	specialist immediately if large quantities have been
SureSelect Methyl Ser	ingested or inhaled.
SureSelect Methyl-Seq	Treat symptomatically. Contact poison treatment
Methylated Adapter	specialist immediately if large quantities have been
Sume Cale at Mathud Car	ingested or inhaled.
SureSelect Methyl-Seq	Treat symptomatically. Contact poison treatment
Indexing Primer Common	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect Methyl-Seq	Treat symptomatically. Contact poison treatment
PCR1 primer F	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect Methyl-Seq	Treat symptomatically. Contact poison treatment
PCR1 primer R	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect Methyl-Seq PCR	Treat symptomatically. Contact poison treatment
Master Mix	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect XT 8 bp Indexes	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect Hyb 1	Treat symptomatically. Contact poison treatment
5	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect Hyb 2	In case of inhalation of decomposition products in a
· · · · · · · · · · · · · ·	fire, symptoms may be delayed. The exposed
	person may need to be kept under medical
	surveillance for 48 hours.
SureSelect Hyb 4	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect Binding Buffer	Treat symptomatically. Contact poison treatment
Sureceiect binding builer	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect Wash Buffer 1	Treat symptomatically. Contact poison treatment
SuleSelect Wash Duller	specialist immediately if large quantities have been
SuraSalact Week Buffer 2	ingested or inhaled.
SureSelect Wash Buffer 2	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect Block 2	In case of inhalation of decomposition products in a
	fire, symptoms may be delayed. The exposed
	person may need to be kept under medical
	surveillance for 48 hours.
SureSelect Hyb 3	In case of inhalation of decomposition products in a
	fire, symptoms may be delayed. The exposed
	person may need to be kept under medical
	surveillance for 48 hours.
SureSelect RNase Block	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect Indexing Block 1	
-	specialist immediately if large quantities have been

	SureSelect Methyl-Seq Block 3	ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments :	10X End Repair Buffer 5X T4 DNA Ligase Buffer	No specific treatment. No specific treatment.
	Klenow DNA Polymerase	No specific treatment.
	T4 DNA Ligase	No specific treatment.
	T4 DNA Polymerase	No specific treatment.
	T4 Polynucleotide Kinase	No specific treatment.
	dNTP Mix	No specific treatment.
	10x Klenow Polymerase Buffer	No specific treatment.
	Exo(-) Klenow	No specific treatment.
	dATP	No specific treatment.
	SureSelect Methyl-Seq	No specific treatment.
	Methylated Adapter	
	SureSelect Methyl-Seq	No specific treatment.
	Indexing Primer Common	
	SureSelect Methyl-Seq	No specific treatment.
	PCR1 primer F SureSelect Methyl-Seq	No specific treatment.
	PCR1 primer R	
	SureSelect Methyl-Seq PCR Master Mix	No specific treatment.
	SureSelect XT 8 bp Indexes	No specific treatment.
	SureSelect Hyb 1	No specific treatment.
	SureSelect Hyb 2	No specific treatment.
	SureSelect Hyb 4	No specific treatment.
	SureSelect Binding Buffer	No specific treatment.
	SureSelect Wash Buffer 1	No specific treatment.
	SureSelect Wash Buffer 2	No specific treatment.
	SureSelect Block 2	No specific treatment.
	SureSelect Hyb 3	No specific treatment.
	SureSelect RNase Block	No specific treatment.
	SureSelect Indexing Block 1	No specific treatment.
	SureSelect Methyl-Seq	No specific treatment.
	Block 3	
Protection of first-aiders :	70X End Repair Buffer	No action shall be taken involving any personal risk or without suitable training.
	5X T4 DNA Ligase Buffer	No action shall be taken involving any personal risk or without suitable training.
	Klenow DNA Polymerase	No action shall be taken involving any personal risk
		or without suitable training. It may be dangerous to
		the person providing aid to give mouth-to-mouth
		resuscitation.
	T4 DNA Ligase	No action shall be taken involving any personal risk
		or without suitable training. It may be dangerous to
		the person providing aid to give mouth-to-mouth
		resuscitation.
	T4 DNA Polymerase	No action shall be taken involving any personal risk
		or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth
		resuscitation.
	T4 Polynucleotide Kinase	No action shall be taken involving any personal risk
		or without suitable training. It may be dangerous to
		the person providing aid to give mouth-to-mouth
		resuscitation.
	dNTP Mix	No action shall be taken involving any personal risk
		or without suitable training.
	10x Klenow Polymerase	No action shall be taken involving any personal risk
	Buffer	or without suitable training.
	Exo(-) Klenow	No action shall be taken involving any personal risk

	or without suitable training. It may be dangerous to
	the person providing aid to give mouth-to-mouth
	resuscitation.
dATP	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect Methyl-Seq	No action shall be taken involving any personal risk
Methylated Adapter	or without suitable training.
SureSelect Methyl-Seq	No action shall be taken involving any personal risk
Indexing Primer Common	or without suitable training.
SureSelect Methyl-Seq	No action shall be taken involving any personal risk
PCR1 primer F	or without suitable training.
SureSelect Methyl-Seq	No action shall be taken involving any personal risk
PCR1 primer R	or without suitable training.
SureSelect Methyl-Seq PCR	No action shall be taken involving any personal risk
Master Mix	or without suitable training.
SureSelect XT 8 bp Indexes	No action shall be taken involving any personal risk
SureSelect XT o bp indexes	
SureSelect Hyb 1	or without suitable training. No action shall be taken involving any personal risk
	or without suitable training.
Suma Cala at Lluth D	
SureSelect Hyb 2	No action shall be taken involving any personal risk
	or without suitable training. It may be dangerous to
	the person providing aid to give mouth-to-mouth
	resuscitation.
SureSelect Hyb 4	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect Binding Buffer	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect Wash Buffer 1	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect Wash Buffer 2	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect Block 2	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect Hyb 3	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect RNase Block	No action shall be taken involving any personal risk
	or without suitable training. It may be dangerous to
	the person providing aid to give mouth-to-mouth
	resuscitation.
SureSelect Indexing Block 1	No action shall be taken involving any personal risk
C C	or without suitable training. It may be dangerous to
	the person providing aid to give mouth-to-mouth
	resuscitation.
SureSelect Methyl-Seq	No action shall be taken involving any personal risk
Block 3	or without suitable training.
-	

See toxicological information (Section 11)

Extinguishing media		
Suitable extinguishing media	: 10X End Repair Buffer	Use an extinguishing agent suitable for the surrounding fire.
	5X T4 DNA Ligase Buffer	Use an extinguishing agent suitable for the surrounding fire.
	Klenow DNA Polymerase	Use an extinguishing agent suitable for the surrounding fire.
	T4 DNA Ligase	Use an extinguishing agent suitable for the surrounding fire.
	T4 DNA Polymerase	Use an extinguishing agent suitable for the surrounding fire.
	T4 Polynucleotide Kinase	Use an extinguishing agent suitable for the surrounding fire.

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	dNTP Mix	Use an extinguishing agent suitable for the surrounding fire.
	10x Klenow Polymerase Buffer	Use an extinguishing agent suitable for the surrounding fire.
	Exo(-) Klenow	Use an extinguishing agent suitable for the
		surrounding fire.
	dATP	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Methyl-Seq	Use an extinguishing agent suitable for the
	Methylated Adapter	surrounding fire.
	SureSelect Methyl-Seq Indexing Primer Common	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Methyl-Seq	Use an extinguishing agent suitable for the
	PCR1 primer F SureSelect Methyl-Seq	surrounding fire. Use an extinguishing agent suitable for the
	PCR1 primer R	surrounding fire.
	SureSelect Methyl-Seq PCR	Use an extinguishing agent suitable for the
	Master Mix SureSelect XT 8 bp Indexes	surrounding fire.
	SureSelect Hyb 1	Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the
		surrounding fire.
	SureSelect Hyb 2	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Hyb 4	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Binding Buffer	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Wash Buffer 1	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Wash Buffer 2	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Block 2	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Hyb 3	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect RNase Block	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Indexing Block 1	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Methyl-Seq Block 3	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing :	10X End Repair Buffer	None known.
media	5X T4 DNA Ligase Buffer	None known.
	Klenow DNA Polymerase T4 DNA Ligase	None known. None known.
	T4 DNA Polymerase	None known.
	T4 Polynucleotide Kinase	None known.
	dNTP Mix	None known.
	10x Klenow Polymerase Buffer	None known.
	Exo(-) Klenow	None known.
	dATP SureSelect Methyl-Seq	None known. None known.
	Methylated Adapter	None known.
	SureSelect Methyl-Seq Indexing Primer Common	None known.
	SureSelect Methyl-Seq	None known.
	PCR1 primer F SureSelect Methyl-Seq	None known.
	PCR1 primer R SureSelect Methyl-Seq PCR	None known.
	Master Mix	

	SureSelect Hyb 1 SureSelect Hyb 2 SureSelect Hyb 4 SureSelect Binding Buffer	None known. None known. None known. None known.
	SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Block 2 SureSelect Hyb 3	None known. None known. None known. None known.
	SureSelect RNase Block SureSelect Indexing Block 1 SureSelect Methyl-Seq Block 3	None known. None known. None known.
Specific hazards arising : from the chemical	10X End Repair Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
nom the chemical	5X T4 DNA Ligase Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
	Klenow DNA Polymerase	In a fire or if heated, a pressure increase will occur and the container may burst.
	T4 DNA Ligase	In a fire or if heated, a pressure increase will occur and the container may burst.
	T4 DNA Polymerase	In a fire or if heated, a pressure increase will occur and the container may burst.
	T4 Polynucleotide Kinase	In a fire or if heated, a pressure increase will occur and the container may burst.
	dNTP Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
	10x Klenow Polymerase	In a fire or if heated, a pressure increase will occur
	Buffer Exo(-) Klenow	and the container may burst. In a fire or if heated, a pressure increase will occur
	dATP	and the container may burst. In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Methyl-Seq	In a fire or if heated, a pressure increase will occur
	Methylated Adapter	and the container may burst.
	SureSelect Methyl-Seq	In a fire or if heated, a pressure increase will occur
	Indexing Primer Common	and the container may burst.
	SureSelect Methyl-Seq	In a fire or if heated, a pressure increase will occur
	PCR1 primer F	and the container may burst. In a fire or if heated, a pressure increase will occur
	SureSelect Methyl-Seq PCR1 primer R	and the container may burst.
	SureSelect Methyl-Seq PCR	In a fire or if heated, a pressure increase will occur
	Master Mix	and the container may burst.
	SureSelect XT 8 bp Indexes	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Hyb 1	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Hyb 2	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Hyb 4	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Binding Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Wash Buffer 1	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Wash Buffer 2	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Block 2	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Hyb 3	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect RNase Block	In a fire or if heated, a pressure increase will occur

	-	
	SureSelect Indexing Block 1	and the container may burst. In a fire or if heated, a pressure increase will occur and the container may burst
	SureSelect Methyl-Seq Block 3	and the container may burst. In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal : decomposition products	₩X End Repair Buffer	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulfur oxides halogenated compounds metal oxide/oxides
	5X T4 DNA Ligase Buffer	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds metal oxide/oxides
	Klenow DNA Polymerase	Decomposition products may include the following materials: carbon dioxide
	T4 DNA Ligase	carbon monoxide Decomposition products may include the following materials: carbon dioxide
	T4 DNA Polymerase	carbon monoxide Decomposition products may include the following materials: carbon dioxide
	T4 Polynucleotide Kinase	carbon monoxide Decomposition products may include the following materials: carbon dioxide
	dNTP Mix	carbon monoxide Decomposition products may include the following materials: carbon dioxide carbon monoxide
	10x Klenow Polymerase Buffer	nitrogen oxides phosphorus oxides Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds metal oxide/oxides
	Exo(-) Klenow	Decomposition products may include the following materials: carbon dioxide
	dATP SureSelect Methyl-Seq Methylated Adapter	carbon monoxide No specific data. No specific data.
	SureSelect Methyl-Seq Indexing Primer Common	No specific data.
	SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq	No specific data. No specific data.
	PCR1 primer R SureSelect Methyl-Seq PCR	
		Description producto may moldae the following

Section 5. Filengin	ing measures	
	Master Mix	materials:
		carbon dioxide
		carbon monoxide
	SureSelect XT 8 bp Indexes	No specific data.
	SureSelect Hyb 1	Decomposition products may include the following
		materials:
		phosphorus oxides
		halogenated compounds metal oxide/oxides
	SureSelect Hyb 2	Decomposition products may include the following
	Sureceieet Tyb 2	materials:
		carbon dioxide
		carbon monoxide
		nitrogen oxides
	SureSelect Hyb 4	No specific data.
	SureSelect Binding Buffer	Decomposition products may include the following
		materials:
		halogenated compounds
		metal oxide/oxides
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect Block 2	Decomposition products may include the following
		materials:
		carbon dioxide
		carbon monoxide
		nitrogen oxides
		phosphorus oxides
	SureSelect Hyb 3	Decomposition products may include the following
		materials:
		carbon dioxide
		carbon monoxide
		nitrogen oxides
		sulfur oxides
		halogenated compounds
	SureSelect RNase Block	carbonyl halides Decomposition products may include the following
	SuleSelect Rinase Diock	materials:
		carbon dioxide
		carbon monoxide
	SureSelect Indexing Block 1	Decomposition products may include the following
	Carecoloci macxing Block 1	materials:
		carbon dioxide
		carbon monoxide
	SureSelect Methyl-Seq	No specific data.
	Block 3	•
Special protective actions	: 10X End Repair Buffer	Promptly isolate the scene by removing all persons
for fire-fighters		from the vicinity of the incident if there is a fire. No
for me-inginers		action shall be taken involving any personal risk or
		without suitable training.
	5X T4 DNA Ligase Buffer	Promptly isolate the scene by removing all persons
	ext i Bro (Elgado Ballo)	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
	Klenow DNA Polymerase	Promptly isolate the scene by removing all persons
	,	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
	T4 DNA Ligase	Promptly isolate the scene by removing all persons
	-	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
	T4 DNA Polymerase	Promptly isolate the scene by removing all persons

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	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
T4 Polynucleotide Kinase	Promptly isolate the scene by removing all persons
	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
dNTP Mix	Promptly isolate the scene by removing all persons
	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
10x Klenow Polymerase	Promptly isolate the scene by removing all persons
Buffer	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
Exo(-) Klenow	Promptly isolate the scene by removing all persons
()	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
dATP	Promptly isolate the scene by removing all persons
	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
SureSelect Methyl-Seq	Promptly isolate the scene by removing all persons
Methylated Adapter	from the vicinity of the incident if there is a fire. No
Methylated Adapter	action shall be taken involving any personal risk or
	without suitable training.
SureSelect Methyl-Seq	Promptly isolate the scene by removing all persons
Indexing Primer Common	from the vicinity of the incident if there is a fire. No
Indexing Filmer Common	action shall be taken involving any personal risk or
	o , ,
SuraSalaat Mathul Sag	without suitable training.
SureSelect Methyl-Seq	Promptly isolate the scene by removing all persons
PCR1 primer F	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
SureSelect Methyl-Seq	Promptly isolate the scene by removing all persons
PCR1 primer R	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
SureSelect Methyl-Seq PCR	Promptly isolate the scene by removing all persons
SureSelect Methyl-Seq PCR Master Mix	from the vicinity of the incident if there is a fire. No
	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or
Master Mix	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons
Master Mix	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No
Master Mix	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or
Master Mix SureSelect XT 8 bp Indexes	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Master Mix	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons
Master Mix SureSelect XT 8 bp Indexes	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No
Master Mix SureSelect XT 8 bp Indexes	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or
Master Mix SureSelect XT 8 bp Indexes	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No
Master Mix SureSelect XT 8 bp Indexes	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or
Master Mix SureSelect XT 8 bp Indexes SureSelect Hyb 1	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Master Mix SureSelect XT 8 bp Indexes SureSelect Hyb 1	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons
Master Mix SureSelect XT 8 bp Indexes SureSelect Hyb 1	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No
Master Mix SureSelect XT 8 bp Indexes SureSelect Hyb 1	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Master Mix SureSelect XT 8 bp Indexes SureSelect Hyb 1 SureSelect Hyb 2	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Master Mix SureSelect XT 8 bp Indexes SureSelect Hyb 1 SureSelect Hyb 2	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons
Master Mix SureSelect XT 8 bp Indexes SureSelect Hyb 1 SureSelect Hyb 2	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Master Mix SureSelect XT 8 bp Indexes SureSelect Hyb 1 SureSelect Hyb 2 SureSelect Hyb 4	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Master Mix SureSelect XT 8 bp Indexes SureSelect Hyb 1 SureSelect Hyb 2	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons
Master Mix SureSelect XT 8 bp Indexes SureSelect Hyb 1 SureSelect Hyb 2 SureSelect Hyb 4	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No
Master Mix SureSelect XT 8 bp Indexes SureSelect Hyb 1 SureSelect Hyb 2 SureSelect Hyb 4	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons

	SureSelect Wash Buffer 1	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect Wash Buffer 2	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect Block 2	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect Hyb 3	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect RNase Block	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect Indexing Block 1	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect Methyl-Seq Block 3	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: 10X End Repair Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	5X T4 DNA Ligase Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	Klenow DNA Polymerase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	T4 DNA Ligase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	T4 DNA Polymerase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	T4 Polynucleotide Kinase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	dNTP Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	10x Klenow Polymerase Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	Exo(-) Klenow	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive

	pressure mode.
dATP	Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
SureSelect Methyl Sea	pressure mode.
SureSelect Methyl-Seq Methylated Adapter	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus
Methylated Adapter	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect Methyl-Seq	Fire-fighters should wear appropriate protective
Indexing Primer Common	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect Methyl-Seq	Fire-fighters should wear appropriate protective
PCR1 primer F	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect Methyl-Seq	Fire-fighters should wear appropriate protective
PCR1 primer R	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
SuraSalaat Mathul Sag DCD	pressure mode.
SureSelect Methyl-Seq PCR Master Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect XT 8 bp Indexes	Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect Hyb 1	Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect Hyb 2	Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive pressure mode.
SureSelect Hyb 4	Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect Binding Buffer	Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect Wash Buffer 1	Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
SureSelect Wash Buffer 2	pressure mode. Fire-fighters should wear appropriate protective
Success wash Build 2	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect Block 2	Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect Hyb 3	Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
SureSelect RNase Block	pressure mode. Fire-fighters should wear appropriate protective
CALEGEIECT TTIASE DIUCK	equipment and self-contained breathing apparatus
	oquipmont and son-contained preathing apparatus

	(SCBA) with a full face-piece operated in positive pressure mode.
SureSelect Indexing Block 1	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect Methyl-Seq Block 3	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures			
For non-emergency personnel	: ₩0X End Repair Buffer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.	
	5X T4 DNA Ligase Buffer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.	
	Klenow DNA Polymerase	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.	
	T4 DNA Ligase	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.	
	T4 DNA Polymerase	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on	
	T4 Polynucleotide Kinase	appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on	
	dNTP Mix	appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal	

Section 6. Accidental release measures

10x Klenow Polymerase	protective equipment. No action shall be taken involving any personal risk
Buffer	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilt material. Put on appropriate personal
	protective equipment.
Exo(-) Klenow	No action shall be taken involving any personal risk
	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist.
	Provide adequate ventilation. Wear appropriate
	respirator when ventilation is inadequate. Put on
	appropriate personal protective equipment.
dATP	No action shall be taken involving any personal risk
	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilt material. Put on appropriate personal
SureSelect Methyl-Seq	protective equipment.
Methylated Adapter	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding
Metrylated Adapter	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilt material. Put on appropriate personal
	protective equipment.
SureSelect Methyl-Seq	No action shall be taken involving any personal risk
Indexing Primer Common	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilt material. Put on appropriate personal protective equipment.
SureSelect Methyl-Seq	No action shall be taken involving any personal risk
PCR1 primer F	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilt material. Put on appropriate personal
	protective equipment.
SureSelect Methyl-Seq	No action shall be taken involving any personal risk
PCR1 primer R	or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilt material. Put on appropriate personal
	protective equipment.
SureSelect Methyl-Seq PCR	No action shall be taken involving any personal risk
Master Mix	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilt material. Put on appropriate personal protective equipment.
SureSelect XT 8 bp Indexes	No action shall be taken involving any personal risk
	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilt material. Put on appropriate personal
	protective equipment.
SureSelect Hyb 1	No action shall be taken involving any personal risk
	or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilt material. Put on appropriate personal
	protective equipment.

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Section 6. Accidental release measures

	No. 2010 August and the state of the state o
SureSelect Hyb 2	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate
SureSelect Hyb 4	respirator when ventilation is inadequate. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal
SureSelect Binding Buffer	protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk
SureSelect Wash Buffer 1	through spilt material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk
SureSelect Wash Buffer 2	through spilt material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk
SureSelect Block 2	through spilt material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk
SureSelect Hyb 3	through spilt material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk
SureSelect RNase Block	through spilt material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected
SureSelect Indexing Block 1	personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate
SureSelect Methyl-Seq Block 3	respirator when ventilation is inadequate. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected

		personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
For emergency responders :	10X End Repair Buffer	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	5X T4 DNA Ligase Buffer	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	Klenow DNA Polymerase	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	T4 DNA Ligase	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	T4 DNA Polymerase	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	T4 Polynucleotide Kinase	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	dNTP Mix	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	10x Klenow Polymerase Buffer	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	Exo(-) Klenow	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	dATP	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect Methyl-Seq Methylated Adapter	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect Methyl-Seq Indexing Primer Common	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureSelect Methyl-Seq PCR1 primer F	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureSelect Methyl-Seq PCR1 primer R	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureSelect Methyl-Seq PCR Master Mix	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

personnel from entering. Do not touch or walk

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	SureSelect XT 8 bp Indexes	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect Hyb 1	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect Hyb 2	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect Hyb 4	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect Binding Buffer	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect Wash Buffer 1	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect Wash Buffer 2	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect Block 2	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect Hyb 3	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect RNase Block	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect Indexing Block 1	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect Methyl-Seq Block 3	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	: 10X End Repair Buffer	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways,
	5X T4 DNA Ligase Buffer	soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways,
	Klenow DNA Polymerase	soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways,

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T4 DNA Ligase	soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways,
T4 DNA Polymerase	soil or air). Avoid dispersal of spilt material and runoff and
	contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways, soil or air).
T4 Polynucleotide Kinase	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways, soil or air).
dNTP Mix	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways,
10x Klenow Polymerase	soil or air). Avoid dispersal of spilt material and runoff and
Buffer	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways,
Exo(-) Klenow	soil or air). Avoid dispersal of spilt material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways,
dATP	soil or air). Avoid dispersal of spilt material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways,
SureSelect Methyl-Seq	soil or air). Avoid dispersal of spilt material and runoff and
Methylated Adapter	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways,
SureSelect Methyl-Seq	soil or air). Avoid dispersal of spilt material and runoff and
Indexing Primer Common	contact with soil, waterways, drains and sewers.
Ū	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways, soil or air).
SureSelect Methyl-Seq	Avoid dispersal of spilt material and runoff and
PCR1 primer F	contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways, soil or air).
SureSelect Methyl-Seq	Avoid dispersal of spilt material and runoff and
PCR1 primer R	contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways, soil or air).
SureSelect Methyl-Seq PCR Master Mix	Avoid dispersal of spilt material and runoff and
ινιαδισι ινιιλ	contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways, soil or air).
SureSelect XT 8 bp Indexes	Avoid dispersal of spilt material and runoff and
	contact with soil, waterways, drains and sewers.

	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways,
Curra Cala at Lluib 1	soil or air).
SureSelect Hyb 1	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways,
	soil or air).
SureSelect Hyb 2	Avoid dispersal of spilt material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways,
	soil or air).
SureSelect Hyb 4	Avoid dispersal of spilt material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways,
	soil or air).
SureSelect Binding Buffer	Avoid dispersal of spilt material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways,
	soil or air).
SureSelect Wash Buffer 1	Avoid dispersal of spilt material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways,
	soil or air).
SureSelect Wash Buffer 2	Avoid dispersal of spilt material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways,
Come Ciale at Dia als O	soil or air).
SureSelect Block 2	Avoid dispersal of spilt material and runoff and
	contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways,
	soil or air).
SureSelect Hyb 3	Avoid dispersal of spilt material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways,
	soil or air).
SureSelect RNase Block	Avoid dispersal of spilt material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways,
SureSelect Indexing Block 1	soil or air).
SureSelect Indexing Block 1	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways,
	soil or air).
SureSelect Methyl-Seq	Avoid dispersal of spilt material and runoff and
Block 3	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways,
	soil or air).

Methods and material for containment and cleaning up

Methods for cleaning up	: 10X End Repair Buffer	Stop leak if without risk. Move containers from spill
		area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an
		inert dry material and place in an appropriate waste
		disposal container. Dispose of via a licensed waste
		disposal contractor.
	5X T4 DNA Ligase Buffer	Stop leak if without risk. Move containers from spill
		area. Dilute with water and mop up if water-soluble.
		Alternatively, or if water-insoluble, absorb with an
		inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste
		disposal contractor.
	Klenow DNA Polymerase	Stop leak if without risk. Move containers from spill
		area. Dilute with water and mop up if water-soluble.
		Alternatively, or if water-insoluble, absorb with an
		inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste
		disposal contractor.
	T4 DNA Ligase	Stop leak if without risk. Move containers from spill
		area. Dilute with water and mop up if water-soluble.
		Alternatively, or if water-insoluble, absorb with an
		inert dry material and place in an appropriate waste
		disposal container. Dispose of via a licensed waste disposal contractor.
	T4 DNA Polymerase	Stop leak if without risk. Move containers from spill
	2	area. Dilute with water and mop up if water-soluble.
		Alternatively, or if water-insoluble, absorb with an
		inert dry material and place in an appropriate waste
		disposal container. Dispose of via a licensed waste disposal contractor.
	T4 Polynucleotide Kinase	Stop leak if without risk. Move containers from spill
	,	area. Dilute with water and mop up if water-soluble.
		Alternatively, or if water-insoluble, absorb with an
		inert dry material and place in an appropriate waste
		disposal container. Dispose of via a licensed waste disposal contractor.
	dNTP Mix	Stop leak if without risk. Move containers from spill
		area. Dilute with water and mop up if water-soluble.
		Alternatively, or if water-insoluble, absorb with an
		inert dry material and place in an appropriate waste
		disposal container. Dispose of via a licensed waste disposal contractor.
	10x Klenow Polymerase	Stop leak if without risk. Move containers from spill
	Buffer	area. Dilute with water and mop up if water-soluble.
		Alternatively, or if water-insoluble, absorb with an
		inert dry material and place in an appropriate waste
		disposal container. Dispose of via a licensed waste disposal contractor.
	Exo(-) Klenow	Stop leak if without risk. Move containers from spill
		area. Dilute with water and mop up if water-soluble.
		Alternatively, or if water-insoluble, absorb with an
		inert dry material and place in an appropriate waste
		disposal container. Dispose of via a licensed waste disposal contractor.
	dATP	Stop leak if without risk. Move containers from spill
	<u> </u>	area. Dilute with water and mop up if water-soluble.
		Alternatively, or if water-insoluble, absorb with an
		inert dry material and place in an appropriate waste
		disposal container. Dispose of via a licensed waste
	SureSelect Methyl-Seq	disposal contractor. Stop leak if without risk. Move containers from spill
	Methylated Adapter	area. Dilute with water and mop up if water-soluble.
	- '	Alternatively, or if water-insoluble, absorb with an

	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect Methyl-Seq	Stop leak if without risk. Move containers from spill
Indexing Primer Common	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect Methyl-Seq	Stop leak if without risk. Move containers from spill
PCR1 primer F	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
SuraSalaat Mathul Sag	disposal contractor.
SureSelect Methyl-Seq	Stop leak if without risk. Move containers from spill
PCR1 primer R	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect Methyl-Seq PCR	Stop leak if without risk. Move containers from spill
Master Mix	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect XT 8 bp Indexes	Stop leak if without risk. Move containers from spill
	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect Hyb 1	Stop leak if without risk. Move containers from spill
SureSelect Hyb 1	
	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect Hyb 2	Stop leak if without risk. Move containers from spill
	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect Hyb 4	Stop leak if without risk. Move containers from spill
-	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect Binding Buffer	Stop leak if without risk. Move containers from spill
Surcesciest Binding Bunch	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste
	inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect Wash Buffer 1	inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill
SureSelect Wash Buffer 1	inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble.
SureSelect Wash Buffer 1	inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an
SureSelect Wash Buffer 1	inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste
SureSelect Wash Buffer 1	inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste
SureSelect Wash Buffer 1	inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste

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SureSelect Wash Buffer 2	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect Block 2	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect Hyb 3	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect RNase Block	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect Indexing Block 1	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect Methyl-Seq Block 3	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Precautions for safe handling	3	
Protective measures	: 🕫 X End Repair Buffer	Put on appropriate personal protective equipment (see Section 8).
	5X T4 DNA Ligase Buffer	Put on appropriate personal protective equipment (see Section 8).
	Klenow DNA Polymerase	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
	T4 DNA Ligase	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
	T4 DNA Polymerase	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or

	mist. Keep in the original container or an approved alternative made from a compatible material, kept
	tightly closed when not in use. Empty containers
	retain product residue and can be hazardous. Do not
	reuse container.
T4 Polynucleotide Kinase	Put on appropriate personal protective equipment
	(see Section 8). Do not ingest. Avoid contact with
	eyes, skin and clothing. Avoid breathing vapour or
	mist. Keep in the original container or an approved alternative made from a compatible material, kept
	tightly closed when not in use. Empty containers
	retain product residue and can be hazardous. Do not
	reuse container.
dNTP Mix	Put on appropriate personal protective equipment
	(see Section 8).
10x Klenow Polymerase	Put on appropriate personal protective equipment
Buffer	(see Section 8).
Exo(-) Klenow	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with
	eyes, skin and clothing. Avoid breathing vapour or
	mist. Keep in the original container or an approved
	alternative made from a compatible material, kept
	tightly closed when not in use. Empty containers
	retain product residue and can be hazardous. Do not
	reuse container.
dATP	Put on appropriate personal protective equipment
SuraSalaat Mathul Sag	(see Section 8).
SureSelect Methyl-Seq Methylated Adapter	Put on appropriate personal protective equipment (see Section 8).
SureSelect Methyl-Seq	Put on appropriate personal protective equipment
Indexing Primer Common	(see Section 8).
SureSelect Methyl-Seq	Put on appropriate personal protective equipment
PCR1 primer F	(see Section 8).
SureSelect Methyl-Seq PCR1 primer R	Put on appropriate personal protective equipment
SureSelect Methyl-Seq PCR	(see Section 8). Put on appropriate personal protective equipment
Master Mix	(see Section 8).
SureSelect XT 8 bp Indexes	Put on appropriate personal protective equipment
	(see Section 8).
SureSelect Hyb 1	Put on appropriate personal protective equipment
SuraSalaat Hub 2	(see Section 8).
SureSelect Hyb 2	Put on appropriate personal protective equipment (see Section 8). Do not breathe vapour or mist. Do
	not ingest. Avoid contact with eyes, skin and clothing.
	Keep in the original container or an approved
	alternative made from a compatible material, kept
	tightly closed when not in use. Empty containers
	retain product residue and can be hazardous. Do not
Sure Select Hub 4	reuse container.
SureSelect Hyb 4	Put on appropriate personal protective equipment (see Section 8).
SureSelect Binding Buffer	Put on appropriate personal protective equipment
5	(see Section 8).
SureSelect Wash Buffer 1	Put on appropriate personal protective equipment
	(see Section 8).
SureSelect Wash Buffer 2	Put on appropriate personal protective equipment
SureSelect Block 2	(see Section 8). Put on appropriate personal protective equipment
	(see Section 8).
SureSelect Hyb 3	Put on appropriate personal protective equipment
-	(see Section 8).
SureSelect RNase Block	Put on appropriate personal protective equipment
	(see Section 8). Do not ingest. Avoid contact with
	eyes, skin and clothing. Avoid breathing vapour or

	SureSelect Indexing Block 1	mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Put on appropriate personal protective equipment
	Block 3	(see Section 8).
Advice on general : occupational hygiene	10X End Repair Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	5X T4 DNA Ligase Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	Klenow DNA Polymerase	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	T4 DNA Ligase	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	T4 DNA Polymerase	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	T4 Polynucleotide Kinase	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	dNTP Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for

10x Klenow Polymerase Buffer	additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and
	processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for
Exo(-) Klenow	additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face
dATP	before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in
	areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment
SureSelect Methyl-Seq Methylated Adapter	before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment
SureSelect Methyl-Seq Indexing Primer Common	before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment
SureSelect Methyl-Seq PCR1 primer F	before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove
SureSelect Methyl-Seq PCR1 primer R	contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment
SureSelect Methyl-Seq PCR Master Mix	before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment
SureSelect XT 8 bp Indexes	before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for

	additional information on hygiene measures.
SureSelect Hyb 1	Eating, drinking and smoking should be prohibited in
	areas where this material is handled, stored and
	processed. Workers should wash hands and face
	before eating, drinking and smoking. Remove
	contaminated clothing and protective equipment
	before entering eating areas. See also Section 8 for
	additional information on hygiene measures.
SureSelect Hyb 2	Eating, drinking and smoking should be prohibited in
	areas where this material is handled, stored and
	processed. Workers should wash hands and face
	before eating, drinking and smoking. Remove
	contaminated clothing and protective equipment
	before entering eating areas. See also Section 8 for
	additional information on hygiene measures.
SureSelect Hyb 4	Eating, drinking and smoking should be prohibited in
	areas where this material is handled, stored and
	processed. Workers should wash hands and face
	before eating, drinking and smoking. Remove
	contaminated clothing and protective equipment
	before entering eating areas. See also Section 8 for
SureSelect Binding Buffer	additional information on hygiene measures. Eating, drinking and smoking should be prohibited in
Sureselect binding builer	areas where this material is handled, stored and
	processed. Workers should wash hands and face
	before eating, drinking and smoking. Remove
	contaminated clothing and protective equipment
	before entering eating areas. See also Section 8 for
	additional information on hygiene measures.
SureSelect Wash Buffer 1	Eating, drinking and smoking should be prohibited in
	areas where this material is handled, stored and
	processed. Workers should wash hands and face
	before eating, drinking and smoking. Remove
	contaminated clothing and protective equipment
	before entering eating areas. See also Section 8 for
	additional information on hygiene measures.
SureSelect Wash Buffer 2	Eating, drinking and smoking should be prohibited in
	areas where this material is handled, stored and
	processed. Workers should wash hands and face
	before eating, drinking and smoking. Remove
	contaminated clothing and protective equipment
	before entering eating areas. See also Section 8 for
Sume Cale at Black 2	additional information on hygiene measures.
SureSelect Block 2	Eating, drinking and smoking should be prohibited in
	areas where this material is handled, stored and processed. Workers should wash hands and face
	before eating, drinking and smoking. Remove
	contaminated clothing and protective equipment
	before entering eating areas. See also Section 8 for
	additional information on hygiene measures.
SureSelect Hyb 3	Eating, drinking and smoking should be prohibited in
	areas where this material is handled, stored and
	processed. Workers should wash hands and face
	before eating, drinking and smoking. Remove
	contaminated clothing and protective equipment
	before entering eating areas. See also Section 8 for
	additional information on hygiene measures.
SureSelect RNase Block	Eating, drinking and smoking should be prohibited in
	areas where this material is handled, stored and
	processed. Workers should wash hands and face
	before eating, drinking and smoking. Remove
	contaminated clothing and protective equipment
	before entering eating areas. See also Section 8 for

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	SureSelect Indexing Block 1 SureSelect Methyl-Seq Block 3	additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, : including any incompatibilities	10X End Repair Buffer 5X T4 DNA Ligase Buffer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in
	3X 14 DIVA LIgase Builer	original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	Klenow DNA Polymerase	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	T4 DNA Ligase	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for
	T4 DNA Polymerase	incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from

	incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
T4 Polynucleotide Kinase	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
dNTP Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
10x Klenow Polymerase Buffer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
Exo(-) Klenow	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
dATP	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

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	SureSelect Methyl-Seq Methylated Adapter	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	SureSelect Methyl-Seq Indexing Primer Common	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	SureSelect Methyl-Seq PCR1 primer F	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	SureSelect Methyl-Seq PCR1 primer R	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	SureSelect Methyl-Seq PCR Master Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	SureSelect XT 8 bp Indexes	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled

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	SureSelect Hyb 1	containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened
	SureSelect Hyb 2	must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened
	SureSelect Hyb 4	must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened
	SureSelect Binding Buffer	must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened
	SureSelect Wash Buffer 1	must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened
	SureSelect Wash Buffer 2	must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until

SureSelect Block 2	ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened
SureSelect Hyb 3	must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to
SureSelect RNase Block	must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to
SureSelect Indexing Block 1	prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened
SureSelect Methyl-Seq Block 3	must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for

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Section 8. Exposure controls and personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
5X T4 DNA Ligase Buffer	
Poly(oxy-1,2-ethanediyl),α-hydro-ω-hydroxy- Ethane-1,2-diol, ethoxylated	DFG MAC-values list (Germany, 7/2023). PEAK: 400 mg/m ³ , 4 times per shift, 15 minutes. Form: inhalable fraction TWA: 200 mg/m ³ 8 hours. Form: inhalable fraction
Klenow DNA Polymerase	
Glycerol	Safe Work Australia (Australia, 10/2022). TWA: 10 mg/m ³ 8 hours.
T4 DNA Ligase	
Glycerol	Safe Work Australia (Australia, 10/2022). TWA: 10 mg/m ³ 8 hours.
T4 DNA Polymerase	
Glycerol	Safe Work Australia (Australia, 10/2022). TWA: 10 mg/m ³ 8 hours.
T4 Polynucleotide Kinase	
Glycerol	Safe Work Australia (Australia, 10/2022). TWA: 10 mg/m ³ 8 hours.
Exo(-) Klenow	
Glycerol	Safe Work Australia (Australia, 10/2022). TWA: 10 mg/m ³ 8 hours.
SureSelect Methyl-Seq PCR Master Mix	
Glycerol	Safe Work Australia (Australia, 10/2022). TWA: 10 mg/m³ 8 hours.
SureSelect RNase Block	
Glycerol	Safe Work Australia (Australia, 10/2022). TWA: 10 mg/m ³ 8 hours.
SureSelect Indexing Block 1	
Glycerol	Safe Work Australia (Australia, 10/2022). TWA: 10 mg/m ³ 8 hours.

Biological exposure indices

No exposure indices known.

Appropriate engineering controls	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Environmental exposure controls	:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Individual protection measu	res	
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

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Section 8. Exposure controls and personal protection

Eye/face protection	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
Skin protection	
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Body protection	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties and safety characteristics

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Appearance

5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common	Liquid. Liquid. Liquid. Liquid. Liquid. Liquid. Liquid. Liquid. Liquid. Liquid. Liquid.
PCR1 primer F	Liquid.
PCR1 primer R	Liquid.
SureSelect Methyl-Seq PCR Master Mix	Liquid.
SureSelect XT 8 bp Indexes SureSelect Hyb 1 SureSelect Hyb 2 SureSelect Hyb 4 SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Block 2 SureSelect Hyb 3	Liquid. Liquid. Liquid. Liquid. Liquid. Liquid. Liquid. Liquid. Liquid.
	Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR Master Mix SureSelect Methyl-Seq PCR Master Mix SureSelect Methyl-Seq PCR Master Mix SureSelect Hyb 1 SureSelect Hyb 1 SureSelect Hyb 2 SureSelect Hyb 4 SureSelect Hyb 4 SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Block 2

	SureSelect RNase Block	Liquid.
	SureSelect Indexing Block 1	Liquid.
	SureSelect Methyl-Seq Block 3	Liquid.
Colour	: 10X End Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Elgase	Not available.
	T4 Polynucleotide Kinase	
		Not available.
	dNTP Mix	Not available.
	10x Klenow Polymerase Buffer	Not available.
	Exo(-) Klenow	Not available.
	dATP	Not available.
	SureSelect Methyl-Seq	Not available.
	Methylated Adapter	
	SureSelect Methyl-Seq Indexing Primer Common	Not available.
	SureSelect Methyl-Seq PCR1 primer F	Not available.
	SureSelect Methyl-Seq PCR1 primer R	Not available.
	SureSelect Methyl-Seq PCR Master Mix	Not available.
	SureSelect XT 8 bp Indexes	Not available.
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Not available.
	SureSelect Hyb 4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect Block 2	Colourless.
	SureSelect Hyb 3	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Indexing Block 1	
	SureSelect Methyl-Seq	Not available.
	Block 3	
Odour	: 10X End Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	Not available.
	10x Klenow Polymerase Buffer	Not available.
	Exo(-) Klenow	Not available.
	dATP	Not available.
	SureSelect Methyl-Seq Methylated Adapter	Not available.
	SureSelect Methyl-Seq	Not available.
	Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F	Not available.
	SureSelect Methyl-Seq PCR1 primer R	Not available.
	SureSelect Methyl-Seq PCR	Not available.
	Master Mix	
	SureSelect XT 8 bp Indexes	
	SureSelect Hyb 1	Not available.
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SureSelect Hyb 2

Section 9. Physical and chemical properties and safety characteristics

Not available.

	SureSelect Hyb 2 SureSelect Hyb 4 SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Block 2 SureSelect Hyb 3 SureSelect RNase Block SureSelect Indexing Block 1 SureSelect Methyl-Seq Block 3	Not available. Not available. Not available. Not available. Odourless. Not available. Not available. Not available. Not available.
Odour threshold :	10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer	Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available.
	Exo(-) Klenow	Not available.
	dATP	Not available.
	SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq	Not available. Not available.
	Indexing Primer Common SureSelect Methyl-Seq	Not available.
	PCR1 primer F SureSelect Methyl-Seq PCR1 primer R	Not available.
	SureSelect Methyl-Seq PCR Master Mix	Not available.
	SureSelect XT 8 bp Indexes	Not available.
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Not available.
	SureSelect Hyb 4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect Block 2	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Indexing Block 1 SureSelect Methyl-Seq	Not available. Not available.
	Block 3	
pH :	10X End Repair Buffer	7 to 8
	5X T4 DNA Ligase Buffer	7 to 8 6.5 to 7.5
	Klenow DNA Polymerase T4 DNA Ligase	7 to 8
	T4 DNA Elgase	6 to 7
	T4 Polynucleotide Kinase	6.9 to 7.9
	dNTP Mix	7.5
	10x Klenow Polymerase Buffer	7 to 8
	Exo(-) Klenow	6.5 to 7.5
	dATP	7 to 8
	SureSelect Methyl-Seq Methylated Adapter	7.5
	SureSelect Methyl-Seq Indexing Primer Common	7.5
	SureSelect Methyl-Seq	7.5

		PCR1 primer F	
		SureSelect Methyl-Seq	7.5
		PCR1 primer R	1.0
		SureSelect Methyl-Seq PCR	8.8
		Master Mix	
		SureSelect XT 8 bp Indexes	7
		SureSelect Hyb 1	7.4
		•	
		SureSelect Hyb 2	8
		SureSelect Hyb 4	Not available.
		SureSelect Binding Buffer	7.5
		SureSelect Wash Buffer 1	7
		SureSelect Wash Buffer 2	7
		SureSelect Block 2	8
		SureSelect Hyb 3	7
		SureSelect RNase Block	, Not available.
		SureSelect Indexing Block 1	Not available.
		SureSelect Methyl-Seq	Not available.
		Block 3	
Melting point/freezing point	1	10X End Repair Buffer	Not available.
		5X T4 DNA Ligase Buffer	Not available.
		Klenow DNA Polymerase	Not available.
		T4 DNA Ligase	Not available.
		T4 DNA Polymerase	Not available.
		T4 Polynucleotide Kinase	Not available.
		dNTP Mix	Not available.
		10x Klenow Polymerase	Not available.
		Buffer	
		Exo(-) Klenow	Not available.
		dATP	0°C (32°F)
			0°C (32°F)
		SureSelect Methyl-Seq	0 C (32 F)
		Methylated Adapter	
		SureSelect Methyl-Seq	0°C (32°F)
		Indexing Primer Common	
		SureSelect Methyl-Seq	0°C (32°F)
			0 0 (02 1)
		PCR1 primer F	
		SureSelect Methyl-Seq	0°C (32°F)
		PCR1 primer R	
		SureSelect Methyl-Seq PCR	0°C (32°F)
		Master Mix	0 0 (02 !)
		SureSelect XT 8 bp Indexes	0°C (32°F)
		SureSelect Hyb 1	Not available.
		SureSelect Hyb 2	Not available.
		SureSelect Hyb 4	0°C (32°F)
			· · ·
		SureSelect Binding Buffer	Not available.
		SureSelect Wash Buffer 1	0°C (32°F)
		SureSelect Wash Buffer 2	0°C (32°F)
		SureSelect Block 2	0°C (32°F)
			()
		SureSelect Hyb 3	0°C (32°F)
		SureSelect RNase Block	Not available.
		SureSelect Indexing Block 1	Not available.
		SureSelect Methyl-Seq	0°C (32°F)
		Block 3	0 0 (02 1)
Boiling point, initial boiling	1	10X End Repair Buffer	Not available.
point, and boiling range		5X T4 DNA Ligase Buffer	Not available.
Perio, and sening 19190		Klenow DNA Polymerase	Not available.
		T4 DNA Ligase	Not available.
		T4 DNA Polymerase	Not available.
		T4 Polynucleotide Kinase	Not available.
		dNTP Mix	Not available.
		10x Klenow Polymerase	Not available.
		Buffer	

	Exo(-) Klenow		Not avai				
	dATP		100°C (2				
	SureSelect Methyl-Se Methylated Adapter	eq	100°C (2	212°F)			
	SureSelect Methyl-S Indexing Primer Com		100°C (2	212°F)			
	SureSelect Methyl-S		100°C (2	212°F)			
	PCR1 primer F SureSelect Methyl-S	ea	100°C (2	212°F)			
	PCR1 primer R	•					
	SureSelect Methyl-Se Master Mix	eq PCR	100°C (2	212°F)			
	SureSelect XT 8 bp I	ndexes	100°C (2				
	SureSelect Hyb 1		Not avai				
	SureSelect Hyb 2 SureSelect Hyb 4		Not avai 100°C (2				
	SureSelect Binding E	Ruffer	Not avai				
	SureSelect Wash Bu		100°C (2				
	SureSelect Wash Bu		100°C (2				
	SureSelect Block 2		100°C (2	212°F)			
	SureSelect Hyb 3		100°C (2				
	SureSelect RNase B		Not avai				
	SureSelect Indexing		Not avai				
	SureSelect Methyl-Se Block 3	eq	100°C (2	212°F)			
lash point	:		Closed	сир		Open o	up
	Ingredient name	°C	°F	Method	°C	°F	Method
	5X T4 DNA Ligase Buffer						
	Poly(oxy- 1,2-ethanediyl),α- hydro-ω-hydroxy- Ethane-1,2-diol, ethoxylated	171 to 235	339.8 to 455	-	199 to 238	390.2 to 460.4	-
	Klenow DNA Polymerase						
	Glycerol	-	-	-	177	350.6	-
	T4 DNA Ligase						
	Glycerol	-	-	-	177	350.6	-
	T4 DNA Polymerase						
	Glycerol	-	-	-	177	350.6	-
	T4 Polynucleotide Kinase						
	Glycerol	-	-	-	177	350.6	-
		1	1	1			

			-	-	-	-	-	
	Exo(-) Klenow							
	Glycerol	_	_	_	177	350.6	_	
						000.0		
	SureSelect							
	Methyl-Seq PCR Master Mix							
	Glycerol	-	-	-	177	350.6	-	
	SureSelect RNase							
	Block							
	Glycerol	-	-	-	177	350.6	-	
	SureSelect							
	Indexing Block 1							
	Glycerol	-	-	-	177	350.6	-	
Evaporation rate :	10X End Repair Buff		Not avail					
	5X T4 DNA Ligase B		Not avail					
	Klenow DNA Polyme	rase	Not avail					
	T4 DNA Ligase T4 DNA Polymerase		Not available. Not available.					
	T4 Polynucleotide Ki		Not available.					
	dNTP Mix		Not avail					
	10x Klenow Polymera	ase	Not avail					
	Buffer							
	Exo(-) Klenow		Not avail					
	dATP SureSelect Methyl-Se	90	Not avail Not avail					
	Methylated Adapter	εq	not avall	aut.				
	SureSelect Methyl-Se	eq	Not avail	able.				
	Indexing Primer Corr	nmon						
	SureSelect Methyl-Se	eq	Not avail	able.				
	PCR1 primer F		Nat are?	ahla				
	SureSelect Methyl-Se PCR1 primer R	eq	Not available.					
	SureSelect Methyl-Se	ea PCR	Not avail	able.				
	Master Mix							
	SureSelect XT 8 bp I	ndexes						
	SureSelect Hyb 1		Not available.					
	SureSelect Hyb 2		Not available.					
	SureSelect Hyb 4 SureSelect Binding E	Ruffor	Not avail Not avail					
	SureSelect Binding E		Not avail					
	SureSelect Wash Bu		Not avail					
	SureSelect Block 2	-	Not avail					
	SureSelect Hyb 3		Not avail					
	SureSelect RNase B		Not avail					
	SureSelect Indexing		Not avail					
	SureSelect Methyl-Se	eq	Not avail	adie.				
	Block 3							

Flammability	10X End Repair Buffer	Not applicable.
	5X T4 DNA Ligase Buffer	Not applicable.
	Klenow DNA Polymerase	Not applicable.
	T4 DNA Ligase	Not applicable.
	T4 DNA Polymerase	Not applicable.
	T4 Polynucleotide Kinase	Not applicable.
	dNTP Mix	Not applicable.
	10x Klenow Polymerase	Not applicable.
	Buffer	Not applicable.
	Exo(-) Klenow	Not applicable.
	dATP	Not applicable.
	SureSelect Methyl-Seq	Not applicable.
	Methylated Adapter	NL COMPANIE
	SureSelect Methyl-Seq	Not applicable.
	Indexing Primer Common	
	SureSelect Methyl-Seq	Not applicable.
	PCR1 primer F	
	SureSelect Methyl-Seq	Not applicable.
	PCR1 primer R	
	SureSelect Methyl-Seq PCR	Not applicable.
	Master Mix	
	SureSelect XT 8 bp Indexes	Not applicable.
	SureSelect Hyb 1	Not applicable.
	SureSelect Hyb 2	Not applicable.
	SureSelect Hyb 4	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect Block 2	Not applicable.
	SureSelect Hyb 3	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Indexing Block 1	Not applicable.
	SureSelect Methyl-Seq	Not applicable.
	Block 3	
		Net available
	10X End Repair Buffer	Not available.
limit/flammability limit	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	Not available.
	10x Klenow Polymerase	Not available.
	Buffer	
	Exo(-) Klenow	Not available.
	dATP	Not available.
	SureSelect Methyl-Seq	Not available.
	Methylated Adapter	
	SureSelect Methyl-Seq	Not available.
	Indexing Primer Common	
	SureSelect Methyl-Seq	Not available.
	PCR1 primer F	
	SureSelect Methyl-Seq	Not available.
	PCR1 primer R	
	SureSelect Methyl-Seq PCR	Not available.
	Master Mix	
	SureSelect XT 8 bp Indexes	Not available.
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Not available.
	SureSelect Hyb 4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.

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Section 9. Physical and chemical properties and safety characteristics

SureSelect Wash Buffer 2	Not
SureSelect Block 2	Not
SureSelect Hyb 3	Not
SureSelect RNase Block	Not
SureSelect Indexing Block 1	Not
SureSelect Methyl-Seq	Not
Block 3	

ot available. ot available. ot available. ot available. ot available. ot available.

Vapour pressure

	Vapou	r Pressu	re at 20°C	Vapo	ur pressu	ire at 50°C
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
10X End Repair Buffer						
water	17.5	2.3	-	92.258	12.3	-
5X T4 DNA Ligase Buffer						
water	17.5	2.3	-	92.258	12.3	-
Klenow DNA Polymerase						
water	17.5	2.3	-	92.258	12.3	-
Glycerol	0.000075	0.00001	-	0.0025	0.00033	-
T4 DNA Ligase						
water	17.5	2.3	-	92.258	12.3	-
Glycerol	0.000075	0.00001	-	0.0025	0.00033	-
T4 DNA Polymerase						
water	17.5	2.3	-	92.258	12.3	-
Glycerol	0.000075	0.00001	-	0.0025	0.00033	-
T4 Polynucleotide Kinase						
water	17.5	2.3	-	92.258	12.3	-
Glycerol	0.000075	0.00001	-	0.0025	0.00033	-
dNTP Mix						
water	17.5	2.3	-	92.258	12.3	-
10x Klenow Polymerase Buffer						
water	17.5	2.3	-	92.258	12.3	-

			•		•		
	Exo(-) Klenow						
	water	17.5	2.3	-	92.258	12.3	-
	Glycerol	0.000075	0.00001	-	0.0025	0.00033	-
	dATP						
	water	17.5	2.3	-	92.258	12.3	-
	SureSelect Methyl-Seq Methylated Adapter						
	water	17.5	2.3	-	92.258	12.3	-
	SureSelect Methyl-Seq Indexing Primer Common						
	water	17.5	2.3	-	92.258	12.3	-
	SureSelect Methyl-Seq PCR1 primer F						
	water	17.5	2.3	-	92.258	12.3	-
	SureSelect Methyl-Seq PCR1 primer R						
	water	17.5	2.3	-	92.258	12.3	-
	SureSelect Methyl-Seq PCR Master Mix						
	water	17.5	2.3	-	92.258	12.3	-
	Glycerol	0.000075	0.00001	-	0.0025	0.00033	-
	SureSelect XT 8 bp Indexes						
	water	17.5	2.3	-	92.258	12.3	-
	SureSelect Hyb 1						
	water	17.5	2.3	-	92.258	12.3	-
: 29/0	02/2024 Date of p	revious iss	sue	: 10/03/2021		Version	:5 62/89

Ourse O a la stalla de O						Γ
SureSelect Hyb 2						
water	17.5	2.3	-	92.258	12.3	-
Edetic acid	0	0	-	-	-	-
SureSelect Hyb 4						
water	17.5	2.3	-	92.258	12.3	-
SureSelect Binding Buffer						
water	17.5	2.3	-	92.258	12.3	-
SureSelect Wash Buffer 1						
water	17.5	2.3	-	92.258	12.3	-
SureSelect Wash Buffer 2						
water	17.5	2.3	-	92.258	12.3	-
SureSelect Block 2						
water	17.5	2.3	-	92.258	12.3	-
SureSelect Hyb 3						
water	17.5	2.3	-	92.258	12.3	-
SureSelect RNase Block						
water	17.5	2.3	-	92.258	12.3	-
Glycerol	0.000075	0.00001	-	0.0025	0.00033	-
SureSelect Indexing Block 1						
water	17.5	2.3	-	92.258	12.3	-
Glycerol	0.000075	0.00001	-	0.0025	0.00033	-
SureSelect Methyl-Seq Block 3						
water	17.5	2.3	-	92.258	12.3	-

onaraotoriotico		
Relative vapour density :	10X End Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase dNTP Mix	Not available. Not available.
	10x Klenow Polymerase	Not available.
	Buffer	Not available.
	Exo(-) Klenow	Not available.
	dATP	Not available.
	SureSelect Methyl-Seq Methylated Adapter	Not available.
	SureSelect Methyl-Seq Indexing Primer Common	Not available.
	SureSelect Methyl-Seq PCR1 primer F	Not available.
	SureSelect Methyl-Seq PCR1 primer R	Not available.
	SureSelect Methyl-Seq PCR Master Mix	Not available.
	SureSelect XT 8 bp Indexes	Not available.
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Not available.
	SureSelect Hyb 4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect Block 2	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Indexing Block 1	Not available.
	SureSelect Methyl-Seq Block 3	Not available.
Relative density :	10X End Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	Not available.
	10x Klenow Polymerase Buffer	Not available.
	Exo(-) Klenow	Not available.
	dATP	Not available.
	SureSelect Methyl-Seq Methylated Adapter	Not available.
	SureSelect Methyl-Seq Indexing Primer Common	Not available.
	SureSelect Methyl-Seq PCR1 primer F	Not available.
	SureSelect Methyl-Seq PCR1 primer R	Not available.
	SureSelect Methyl-Seq PCR Master Mix	Not available.
	SureSelect XT 8 bp Indexes	Not available.
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Not available.
	SureSelect Hyb 4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.

SureSelect Wash Buffer 2

Not available.

	SureSelect Wash Buller 2 Not availab SureSelect Block 2 Not availab	
	SureSelect Hyb 3 Not availab	
	SureSelect RNase Block Not availab	
	SureSelect Indexing Block 1 Not availab	le.
	SureSelect Methyl-Seq Not availab	le.
	Block 3	
Solubility(ies)	Media	Result
	10X End Repair Buffer	
	water	Soluble
	5X T4 DNA Ligase Buffer	
	water	Soluble
	Klenow DNA Polymerase	
	water	Soluble
	T4 DNA Ligase	
	water	Soluble
	T4 DNA Polymerase	
	water	Soluble
	T4 Polynucleotide Kinase	O - h-h-l-
	water dNTP Mix	Soluble
	water	Soluble
	10x Klenow Polymerase Buffer	Soluble
	water	Soluble
	Exo(-) Klenow	
	water	Soluble
	dATP	
	water	Soluble
	SureSelect Methyl-Seq Methylated	
	Adapter	
	water	Soluble
	SureSelect Methyl-Seq Indexing	
	Primer Common	
	water	Soluble
	SureSelect Methyl-Seq PCR1 primer F	
	water	Soluble
	SureSelect Methyl-Seq PCR1 primer R	O - h-h-l-
	water SureSelect Methyl-Seq PCR Master	Soluble
	Mix	
	water	Soluble
	SureSelect XT 8 bp Indexes	Soluble
	water	Soluble
	SureSelect Hyb 1	
	water	Soluble
	SureSelect Hyb 2	
	water	Soluble
	SureSelect Hyb 4	
	water	Soluble
	SureSelect Binding Buffer	
	water	Soluble
	SureSelect Wash Buffer 1	
	water	Soluble
	SureSelect Wash Buffer 2	
	water	Soluble
	SureSelect Block 2	Salubla
	water SureSelect Hyb 3	Soluble
	water	Soluble
	SureSelect RNase Block	
Date of issue/Date of revision : 2	9/02/2024 Date of previous issue :	10/03/2021 Version : 5 65/89

Partition coefficient: n- cotanol/water :	water SureSelect Methyl-Seq Bloc water 10 X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F	k 3 Not applicabl Not applicabl	le. le. le. le. le. le. le.	
	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq	Not applicabl Not applicabl Not applicabl Not applicabl Not applicabl Not applicabl Not applicabl Not applicabl Not applicabl Not applicabl	le. le. le. le. le. le. le.	
	SureSelect Methyl-Seq PCR1 primer R	Not applicabl		
	SureSelect Methyl-Seq PCR Master Mix SureSelect XT 8 bp Indexes SureSelect Hyb 1 SureSelect Hyb 2 SureSelect Hyb 4 SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Block 2 SureSelect Hyb 3 SureSelect RNase Block SureSelect Indexing Block 1 SureSelect Methyl-Seq Block 3	Not applicabl Not applicabl	le. le. le. le. le. le. le. le.	
Auto-ignition temperature :	Ingredient name	°C	°F	Method
	5X T4 DNA Ligase Buffer Poly(oxy-1,2-ethanediyl),α- hydro-ω-hydroxy- Ethane- 1,2-diol, ethoxylated	360	680	-
	Klenow DNA Polymerase	370	698	-
	T4 DNA Ligase			
	Glycerol	370	698	-
	T4 DNA Polymerase			
	Glycerol	370	698	-

		.		
	T4 Polynucleotide Kinase			
	Glycerol	370	698	-
	Exo(-) Klenow			
	Glycerol	370	698	-
	SureSelect Methyl-Seq PCR Master Mix			
	Glycerol	370	698	-
	SureSelect Hyb 2			
	Edetic acid	>400	>752	VDI 2263
	SureSelect RNase Block			
	Glycerol	370	698	-
	SureSelect Indexing Block 1			
	Glycerol	370	698	-
Decomposition temperature :	· · · · · · · · · · · · · · · · · · ·	Not available. Not available.		
		Not available.		
		Not available.		
		Not available.		
		Not available.		
		Not available.		
	10x Klenow Polymerase N Buffer	Not available.		
		Not available.		
		Not available.		
	SureSelect Methyl-Seq N Methylated Adapter	Not available.		
		Not available.		
	PCR1 primer F	Not available.		
	PCR1 primer R	Not available.		
	Master Mix	Not available.		
	•	Not available. Not available.		
	5	Not available.		
		Not available.		
	•	Not available.		
	-	Not available.		
		Not available.		
		vot available.		
	, , , , , , , , , , , , , , , , , , ,	Not available.		
		Not available.		
	SureSelect Indexing Block 1	Not available.		

	SureSelect Methyl-Seq Block 3	Not available.
Viscosity		Not available.
VISCOSILY	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	Not available.
	10x Klenow Polymerase	Not available.
	Buffer	
	Exo(-) Klenow	Not available.
	dATP	Not available.
	SureSelect Methyl-Seq	Not available.
	Methylated Adapter	
	SureSelect Methyl-Seq	Not available.
	Indexing Primer Common	
	SureSelect Methyl-Seq	Not available.
	PCR1 primer F	
	SureSelect Methyl-Seq	Not available.
	PCR1 primer R	
	SureSelect Methyl-Seq PCR	Not available.
	Master Mix	
	SureSelect XT 8 bp Indexes	Not available.
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Not available.
	SureSelect Hyb 4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1 SureSelect Wash Buffer 2	Not available. Not available.
	SureSelect Block 2	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Indexing Block 1	Not available.
	SureSelect Methyl-Seq	Not available.
	Block 3	
Particle characteristics	Diotito	
Median particle size	10X End Repair Buffer	Not applicable.
	5X T4 DNA Ligase Buffer	Not applicable.
	Klenow DNA Polymerase	Not applicable.
	T4 DNA Ligase	Not applicable.
	T4 DNA Polymerase	Not applicable.
	T4 Polynucleotide Kinase	Not applicable.
	dNTP Mix	Not applicable.
	10x Klenow Polymerase	Not applicable.
	Buffer	Not applicable
	Exo(-) Klenow dATP	Not applicable. Not applicable.
	SureSelect Methyl-Seq	Not applicable.
	Methylated Adapter	
	SureSelect Methyl-Seq	Not applicable.
	Indexing Primer Common	
	SureSelect Methyl-Seq	Not applicable.
	PCR1 primer F	
	SureSelect Methyl-Seq	Not applicable.
	PCR1 primer R	••
	SureSelect Methyl-Seq PCR	Not applicable.
	Master Mix	••
	SureSelect XT 8 bp Indexes	Not applicable.
	SureSelect Hyb 1	Not applicable.
	SureSelect Hyb 2	Not applicable.
		10/02/2021 Verei

SureSelect Hyb 4	Not applicable.
SureSelect Binding Buffer	Not applicable.
SureSelect Wash Buffer 1	Not applicable.
SureSelect Wash Buffer 2	Not applicable.
SureSelect Block 2	Not applicable.
SureSelect Hyb 3	Not applicable.
SureSelect RNase Block	Not applicable.
SureSelect Indexing Block 1	Not applicable.
SureSelect Methyl-Seq	Not applicable.
Block 3	

 5X T4 DNA Ligase Buffer SX T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase No specific test data related to reactivity available for this product or its ingredients. T4 DNA Polymerase T4 DNA Polymerase T4 DNA Polymerase T4 Polynucleotide Kinase T4 Polynucleotide Kinase Mo specific test data related to reactivity available for this product or its ingredients. T4 Polynucleotide Kinase Mo specific test data related to reactivity available for this product or its ingredients. Mo specific test data related to reactivity available for this product or its ingredients. Mo specific test data related to reactivity available for this product or its ingredients. Mo specific test data related to reactivity available for this product or its ingredients. Mo specific test data related to reactivity available for this product or its ingredients. Mo specific test data related to reactivity available for this product or its ingredients. SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer F SureSelect Hethyl-Seq SureSelect Hyb 2 No specific test data related to reactivity available for this product or its ingredients. SureSelect Hyb 3 No specific test data related to reactivity available for this product or its ingredients. SureSelect Wash Buffer 1 No specific test data related to reactivity available for this product or it	Reactivity	: 10X End Repair Buffer	No specific test data related to reactivity available for
5X T4 DNA Ligase BufferNo specific test data related to reactivity available for this product or its ingredients.T4 DNA LigaseNo specific test data related to reactivity available for this product or its ingredients.T4 DNA LigaseNo specific test data related to reactivity available for this product or its ingredients.T4 DNA PolymeraseNo specific test data related to reactivity available for this product or its ingredients.T4 Polynucleotide KinaseNo specific test data related to reactivity available for this product or its ingredients.MNTP MixNo specific test data related to reactivity available for this product or its ingredients.10x Klenow Polymerase BufferNo specific test data related to reactivity available for this product or its ingredients.SureSelect Methyl-Seq No specific test data related to reactivity available for this product or its ingredients.SureSelect Methyl-Seq PCR1 primer FNo specific test data related to reactivity available for this product or its ingredients.SureSelect Methyl-Seq No specific test data related to reactivity available for this product or its ingredients.SureSelect Methyl-Seq PCR1 primer RNo specific test data related to reactivity available for this product or its ingredients.SureSelect Methyl-Seq No specific test data related to reactivity available for this product or its ingredients.SureSelect Methyl-Seq No specific test data related to reactivity available for this product or its ingredients.SureSelect Methyl-Seq No specific test data related to reactivity available for this product or its ingredients.SureSelect Hyl SSureSelec			•
Klenow DNA PolymeraseThis product or its ingredients.T4 DNA LigaseNo specific test data related to reactivity available for this product or its ingredients.T4 DNA PolymeraseNo specific test data related to reactivity available for this product or its ingredients.T4 Polynucleotide KinaseNo specific test data related to reactivity available for this product or its ingredients.T4 Polynucleotide KinaseNo specific test data related to reactivity available for this product or its ingredients.MNTP MixNo specific test data related to reactivity available for this product or its ingredients.10x Klenow PolymeraseNo specific test data related to reactivity available for this product or its ingredients.10x Klenow PolymeraseNo specific test data related to reactivity available for this product or its ingredients.2000 Control ControlNo specific test data related to reactivity available for this product or its ingredients.2010 ControlNo specific test data related to reactivity available for this product or its ingredients.2011 ControlNo specific test data related to reactivity available for this product or its ingredients.2012 ControlNo specific test data related to reactivity available for this product or its ingredients.2013 ControlNo specific test data related to reactivity available for this product or its ingredients.2014 ControlNo specific test data related to reactivity available for this product or its ingredients.2015 ControlNo specific test data related to reactivity available for this product or its ingredients.2016 ControlNo specific tes		5X T4 DNA Ligase Buffer	
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 this product or its ingredients. SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect Block 2 SureSelect Hyb 3 SureSelect Hyb 3 			
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SureSelect Block 2this product or its ingredients.SureSelect Hyb 3No specific test data related to reactivity available for this product or its ingredients.SureSelect Hyb 3No specific test data related to reactivity available for this product or its ingredients.		Sure Salast Mash Duffer 2	
SureSelect Block 2No specific test data related to reactivity available for this product or its ingredients.SureSelect Hyb 3No specific test data related to reactivity available for this product or its ingredients.		SureSelect Wash Butter 2	
SureSelect Hyb 3 SureSelect Hyb 3 SureSe		SuraSalact Black 2	
SureSelect Hyb 3 No specific test data related to reactivity available for this product or its ingredients.		SULESCIECT BIOCK 2	
this product or its ingredients.		Sure Salast List 2	
		Sureseiect Hyd 3	
Sureselect Rivase block into specific test data related to reactivity available for		SuraSalaat DNaaa Dlaak	
		Suresered Rindse Diock	איט שיטווט ובשו עמומ ובומובע נט ובמטוויונץ מימוומטוב וטו

	y and rouolivity	
		this product or its ingredients.
	SureSelect Indexing Block 1	No specific test data related to reactivity available for
		this product or its ingredients.
	SureSelect Methyl-Seq	No specific test data related to reactivity available for
	Block 3	this product or its ingredients.
Chemical stability	10X End Repair Buffer	The product is stable.
	5X T4 DNA Ligase Buffer	The product is stable.
	Klenow DNA Polymerase	The product is stable.
	T4 DNA Ligase	The product is stable.
	T4 DNA Polymerase T4 Polynucleotide Kinase	The product is stable. The product is stable.
	dNTP Mix	The product is stable.
	10x Klenow Polymerase	The product is stable.
	Buffer	
	Exo(-) Klenow	The product is stable.
	dATP	The product is stable.
	SureSelect Methyl-Seq	The product is stable.
	Methylated Adapter	
	SureSelect Methyl-Seq	The product is stable.
	Indexing Primer Common	
	SureSelect Methyl-Seq	The product is stable.
	PCR1 primer F	The product is stable
	SureSelect Methyl-Seq PCR1 primer R	The product is stable.
	SureSelect Methyl-Seq PCR	The product is stable.
	Master Mix	
	SureSelect XT 8 bp Indexes	The product is stable.
	SureSelect Hyb 1	The product is stable.
	SureSelect Hyb 2	The product is stable.
	SureSelect Hyb 4	The product is stable.
	SureSelect Binding Buffer	The product is stable.
	SureSelect Wash Buffer 1	The product is stable.
	SureSelect Wash Buffer 2	The product is stable.
	SureSelect Block 2	The product is stable.
	SureSelect Hyb 3 SureSelect RNase Block	The product is stable. The product is stable.
	SureSelect Indexing Block 1	The product is stable.
	SureSelect Methyl-Seq	The product is stable.
	Block 3	The product is stable.
Possibility of hazardous	10X End Repair Buffer	Under normal conditions of storage and use,
reactions	·	hazardous reactions will not occur.
	5X T4 DNA Ligase Buffer	Under normal conditions of storage and use,
	-	hazardous reactions will not occur.
	Klenow DNA Polymerase	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	T4 DNA Ligase	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	T4 DNA Polymerase	Under normal conditions of storage and use, hazardous reactions will not occur.
	T4 Polynucleotide Kinase	Under normal conditions of storage and use,
	14 I Olyndeleolide Rinase	hazardous reactions will not occur.
	dNTP Mix	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	10x Klenow Polymerase	Under normal conditions of storage and use,
	Buffer	hazardous reactions will not occur.
	Exo(-) Klenow	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	dATP	Under normal conditions of storage and use,
	SureSelect Mathyl Sag	hazardous reactions will not occur.
	SureSelect Methyl-Seq Methylated Adapter	Under normal conditions of storage and use, hazardous reactions will not occur.

	SureSelect Methyl-Seq	Under normal conditions of storage and use,
	Indexing Primer Common	hazardous reactions will not occur.
	SureSelect Methyl-Seq	Under normal conditions of storage and use,
	PCR1 primer F	hazardous reactions will not occur.
	SureSelect Methyl-Seq	Under normal conditions of storage and use,
	PCR1 primer R	hazardous reactions will not occur.
	SureSelect Methyl-Seq PCR	Under normal conditions of storage and use,
	Master Mix	hazardous reactions will not occur.
	SureSelect XT 8 bp Indexes	Under normal conditions of storage and use,
	Suleselect XT 8 bp indexes	
		hazardous reactions will not occur.
	SureSelect Hyb 1	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect Hyb 2	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect Hyb 4	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect Binding Buffer	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect Wash Buffer 1	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect Wash Buffer 2	
	SuleSelect Wash Duller 2	Under normal conditions of storage and use,
	Curra Calla at Dia als O	hazardous reactions will not occur.
	SureSelect Block 2	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect Hyb 3	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect RNase Block	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect Indexing Block 1	Under normal conditions of storage and use,
	5	hazardous reactions will not occur.
	SureSelect Methyl-Seq	Under normal conditions of storage and use,
	Block 3	hazardous reactions will not occur.
	Bioonto	
Conditions to avoid	: 10X End Repair Buffer	No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer	No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase	
Conditions to avoid	5X T4 DNA Ligase Buffer	No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase	No specific data. No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase	No specific data. No specific data. No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase	No specific data. No specific data. No specific data. No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix	No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase	No specific data. No specific data. No specific data. No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer	No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow	No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP	No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq	No specific data. No specific data. No specific data. No specific data. No specific data. No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter	No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq	No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common	No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq	No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common	No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq	No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq	No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R	No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR1	No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR1	No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR1 SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR1 Master Mix SureSelect XT 8 bp Indexes	No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR1 SureSelect Methyl-Seq PCR1 Master Mix SureSelect XT 8 bp Indexes SureSelect Hyb 1	No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Polymerase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR Master Mix SureSelect XT 8 bp Indexes SureSelect Hyb 1 SureSelect Hyb 2	No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Polymerase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR Master Mix SureSelect XT 8 bp Indexes SureSelect Hyb 1 SureSelect Hyb 2 SureSelect Hyb 4	No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Polymerase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR Master Mix SureSelect XT 8 bp Indexes SureSelect Hyb 1 SureSelect Hyb 2 SureSelect Hyb 4 SureSelect Binding Buffer	No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Polymerase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR1 Master Mix SureSelect XT 8 bp Indexes SureSelect Hyb 1 SureSelect Hyb 1 SureSelect Hyb 4 SureSelect Binding Buffer SureSelect Wash Buffer 1	No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Polymerase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR Master Mix SureSelect Methyl-Seq PCR Master Mix SureSelect Hyb 1 SureSelect Hyb 1 SureSelect Hyb 2 SureSelect Hyb 4 SureSelect Wash Buffer 1 SureSelect Wash Buffer 1	No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR Master Mix SureSelect Methyl-Seq PCR Master Mix SureSelect Hyb 1 SureSelect Hyb 2 SureSelect Hyb 4 SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Block 2	No specific data. No specific data.
Conditions to avoid	5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Polymerase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR Master Mix SureSelect Methyl-Seq PCR Master Mix SureSelect Hyb 1 SureSelect Hyb 1 SureSelect Hyb 2 SureSelect Hyb 4 SureSelect Wash Buffer 1 SureSelect Wash Buffer 1	No specific data. No specific data.

	inty and reactivity	
	SureSelect RNase Block SureSelect Indexing Block	No specific data. 1 No specific data.
	SureSelect Methyl-Šeq Block 3	No specific data.
Incompatible materials	: 10X End Repair Buffer	May react or be incompatible with oxidising materials. May react or be incompatible with oxidising materials.
	5X T4 DNA Ligase Buffer Klenow DNA Polymerase	May react or be incompatible with oxidising materials.
	T4 DNA Ligase	May react or be incompatible with oxidising materials.
	T4 DNA Polymerase	May react or be incompatible with oxidising materials.
	T4 Polynucleotide Kinase	May react or be incompatible with oxidising materials.
	dNTP Mix	May react or be incompatible with oxidising materials.
	10x Klenow Polymerase Buffer	May react or be incompatible with oxidising materials.
	Exo(-) Klenow	May react or be incompatible with oxidising materials.
	dATP	May react or be incompatible with oxidising materials.
	SureSelect Methyl-Seq Methylated Adapter	May react or be incompatible with oxidising materials.
	SureSelect Methyl-Seq Indexing Primer Common	May react or be incompatible with oxidising materials.
	SureSelect Methyl-Seq PCR1 primer F	May react or be incompatible with oxidising materials.
	SureSelect Methyl-Seq PCR1 primer R	May react or be incompatible with oxidising materials.
	SureSelect Methyl-Seq PC Master Mix	· · · · ·
	SureSelect XT 8 bp Indexe	
	SureSelect Hyb 1 SureSelect Hyb 2	May react or be incompatible with oxidising materials. May react or be incompatible with oxidising materials.
	SureSelect Hyb 4	May react or be incompatible with oxidising materials.
	SureSelect Binding Buffer	May react or be incompatible with oxidising materials.
	SureSelect Wash Buffer 1	May react or be incompatible with oxidising materials.
	SureSelect Wash Buffer 2	May react or be incompatible with oxidising materials.
	SureSelect Block 2	May react or be incompatible with oxidising materials.
	SureSelect Hyb 3 SureSelect RNase Block	May react or be incompatible with oxidising materials. May react or be incompatible with oxidising materials.
	SureSelect Indexing Block	
	SureSelect Methyl-Šeq Block 3	May react or be incompatible with oxidising materials.
Hazardous decomposition products	: 10X End Repair Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	5X T4 DNA Ligase Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Klenow DNA Polymerase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	T4 DNA Ligase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	T4 DNA Polymerase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	T4 Polynucleotide Kinase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	dNTP Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	10x Klenow Polymerase	Under normal conditions of storage and use,
	Buffer	hazardous decomposition products should not be
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Section 10. Stability and reactivity

Exo(-) Klenow	produced. Under normal conditions of storage and use,
	hazardous decomposition products should not be produced.
dATP	Under normal conditions of storage and use, hazardous decomposition products should not be
	produced.
SureSelect Methyl-Seq Methylated Adapter	Under normal conditions of storage and use, hazardous decomposition products should not be
	produced.
SureSelect Methyl-Seq	Under normal conditions of storage and use,
Indexing Primer Common	hazardous decomposition products should not be
indexing I finter Common	produced.
SureSelect Methyl-Seq	Under normal conditions of storage and use,
PCR1 primer F	hazardous decomposition products should not be
	produced.
SureSelect Methyl-Seq	Under normal conditions of storage and use,
PCR1 primer R	hazardous decomposition products should not be
·	produced.
SureSelect Methyl-Seq PCR	Under normal conditions of storage and use,
Master Mix	hazardous decomposition products should not be
	produced.
SureSelect XT 8 bp Indexes	Under normal conditions of storage and use,
	hazardous decomposition products should not be
	produced.
SureSelect Hyb 1	Under normal conditions of storage and use,
	hazardous decomposition products should not be
	produced.
SureSelect Hyb 2	Under normal conditions of storage and use,
Surcessieur rys 2	hazardous decomposition products should not be
	produced.
SureSelect Hyb 4	Under normal conditions of storage and use,
SuleSelect Hyb 4	hazardous decomposition products should not be
	produced.
SureSelect Binding Buffer	Under normal conditions of storage and use,
SureSelect billuling buller	hazardous decomposition products should not be
	produced.
SureSelect Wash Buffer 1	Under normal conditions of storage and use,
Sureceiect Wash Buller 1	hazardous decomposition products should not be
	produced.
SureSelect Wash Buffer 2	Under normal conditions of storage and use,
Sureceiect Wash Duller 2	hazardous decomposition products should not be
	produced.
SureSelect Block 2	Under normal conditions of storage and use,
Suleselect Diock 2	hazardous decomposition products should not be
	produced.
SuraSalact Uvb 2	
SureSelect Hyb 3	Under normal conditions of storage and use,
	hazardous decomposition products should not be
SuraSalast DNasa Blask	produced.
SureSelect RNase Block	Under normal conditions of storage and use,
	hazardous decomposition products should not be
SuroSoloot Indexing Plack 4	produced.
SureSelect Indexing Block 1	Under normal conditions of storage and use,
	hazardous decomposition products should not be
Sure Salast Mathed Sar	produced.
SureSelect Methyl-Seq	Under normal conditions of storage and use,
Block 3	hazardous decomposition products should not be
	produced.

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Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Klenow DNA Polymerase Glycerol	LD50 Oral	Rat	12600 mg/kg	-
T4 DNA Ligase Glycerol	LD50 Oral	Rat	12600 mg/kg	-
T4 DNA Polymerase Glycerol	LD50 Oral	Rat	12600 mg/kg	-
T4 Polynucleotide Kinase Glycerol	LD50 Oral	Rat	12600 mg/kg	-
Exo(-) Klenow Glycerol	LD50 Oral	Rat	12600 mg/kg	-
SureSelect Methyl-Seq PCR Master Mix Glycerol	LD50 Oral	Rat	12600 mg/kg	-
SureSelect Hyb 2 Edetic acid	LD50 Oral	Rat	4500 mg/kg	-
SureSelect RNase Block Glycerol	LD50 Oral	Rat	12600 mg/kg	-
SureSelect Indexing Block				
Glycerol	LD50 Oral	Rat	12600 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
🕉 T4 DNA Ligase Buffer					
Poly(oxy-1,2-ethanediyl),α- hydro-ω-hydroxy- Ethane- 1,2-diol, ethoxylated	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Eyes - Mild irritant	Rabbit	_	500 mg	_
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
	Skin - Mild irritant	Rabbit	-	500 mg	-
Klenow DNA Polymerase					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
T4 DNA Ligase					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
T4 DNA Polymerase					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
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		ation			
T4 Polynucleotide Kinase					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
Exo(-) Klenow					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
SureSelect Methyl-Seq PCR Master Mix					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
SureSelect RNase Block					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
SureSelect Indexing Block					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-

Sensitisation

Not available.

Mutagenicity	
Conclusion/Summary	: Not available.
Carcinogenicity	
Conclusion/Summary	: Not available.
Reproductive toxicity	
Conclusion/Summary	: Not available.
Teratogenicity	
Conclusion/Summary	: Not available.
Specific target organ tox	<u>kicity (single exposure)</u>
Not available.	

Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
SureSelect Hyb 2 Edetic acid	Category 2	inhalation	respiratory tract

Aspiration hazard

Not available.

	ological information	
Information on likely routes of exposure	: 10X End Repair Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.
	5X T4 DNA Ligase Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.
	Klenow DNA Polymerase	Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.
	T4 DNA Ligase	Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.
	T4 DNA Polymerase	Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.
	T4 Polynucleotide Kinase	Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.
	dNTP Mix	Not available.
	10x Klenow Polymerase	Routes of entry anticipated: Oral, Dermal, Inhalation,
	Buffer	Eyes.
	Exo(-) Klenow	Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.
	dATP	Not available.
	SureSelect Methyl-Seq	Not available.
	Methylated Adapter SureSelect Methyl-Seq	Not available.
	Indexing Primer Common	
	SureSelect Methyl-Seq PCR1 primer F	Not available.
	SureSelect Methyl-Seq PCR1 primer R	Not available.
	SureSelect Methyl-Seq PCR Master Mix	Not available.
	SureSelect XT 8 bp Indexes	Not available.
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.
	SureSelect Hyb 4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect Block 2	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect RNase Block	Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.
	SureSelect Indexing Block 1	Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.
	SureSelect Methyl-Seq Block 3	Not available.
Potential acute health effect	<u>s</u>	
Eye contact	 : 邦X End Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	Causes eye irritation.
	T4 DNA Ligase	Causes eye irritation.
	T4 DNA Polymerase	Causes eye irritation.
	T4 Polynucleotide Kinase	Causes eye irritation.
	dNTP Mix	No known significant effects or critical hazards.
	10x Klenow Polymerase	No known significant effects or critical hazards.
	Buffer	
	Exo(-) Klenow	Causes eye irritation.
	dATP	No known significant effects or critical hazards.
	SureSelect Methyl-Seq Methylated Adapter	No known significant effects or critical hazards.
	SureSelect Methyl-Seq Indexing Primer Common	No known significant effects or critical hazards.
	SureSelect Methyl-Seq PCR1 primer F	No known significant effects or critical hazards.
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
Date of issue/Date of revision	: 29/02/2024 Date of previous is	ssue : 10/03/2021 Version : 5 76/89

	PCR1 primer R	
	SureSelect Methyl-Seq PCR	No known significant effects or critical hazards.
	Master Mix	0
	SureSelect XT 8 bp Indexes	No known significant effects or critical hazards.
	•	
	SureSelect Hyb 1	No known significant effects or critical hazards.
	SureSelect Hyb 2	Causes serious eye irritation.
	SureSelect Hyb 4	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	
		No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect RNase Block	Causes eye irritation.
	SureSelect Indexing Block 1	Causes eye irritation.
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
		No known significant effects of childa hazards.
	Block 3	
Inhalation	: 10X End Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
		•
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase	No known significant effects or critical hazards.
	T4 Polynucleotide Kinase	No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.
	10x Klenow Polymerase	No known significant effects or critical hazards.
	•	No known significant effects of childa hazarus.
	Buffer	
	Exo(-) Klenow	No known significant effects or critical hazards.
	dATP	No known significant effects or critical hazards.
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Methylated Adapter	
		No known aignificant offects or critical bezorde
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Indexing Primer Common	
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	PCR1 primer F	
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	PCR1 primer R	
	SureSelect Methyl-Seq PCR	No known significant effects or critical hazards.
	Master Mix	
	SureSelect XT 8 bp Indexes	No known significant effects or critical hazards.
	SureSelect Hyb 1	No known significant effects or critical hazards.
	SureSelect Hyb 2	No known significant effects or critical hazards.
		•
	SureSelect Hyb 4	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Indexing Block 1	No known significant effects or critical hazards.
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Block 3	-
Skin contact		No known significant offeste er critical bezerde
Skin contact	: 10X End Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase	No known significant effects or critical hazards.
	,	•
	T4 Polynucleotide Kinase	No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.
	10x Klenow Polymerase	No known significant effects or critical hazards.
	Buffer	
	Exo(-) Klenow	No known significant effects or critical hazards.
	dATP	No known significant effects or critical hazards.
	SureSelect Methyl-Seq	No known significant effects or critical hazards.

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	<u> </u>	
	Methylated Adapter	
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Indexing Primer Common	
	SureSelect Methyl-Seq PCR1 primer F	No known significant effects or critical hazards.
	SureSelect Methyl-Seq PCR1 primer R	No known significant effects or critical hazards.
	SureSelect Methyl-Seq PCR Master Mix	No known significant effects or critical hazards.
	SureSelect XT 8 bp Indexes	No known significant effects or critical hazards.
	SureSelect Hyb 1	No known significant effects or critical hazards.
	SureSelect Hyb 2	No known significant effects or critical hazards.
	SureSelect Hyb 4	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Indexing Block 1	No known significant effects or critical hazards.
	SureSelect Methyl-Seq Block 3	No known significant effects or critical hazards.
Ingestion :	10X End Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase	No known significant effects or critical hazards.
	T4 Polynucleotide Kinase	No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.
	10x Klenow Polymerase Buffer	No known significant effects or critical hazards.
	Exo(-) Klenow	No known significant effects or critical hazards.
	dATP	No known significant effects or critical hazards.
	SureSelect Methyl-Seq Methylated Adapter	No known significant effects or critical hazards.
	SureSelect Methyl-Seq Indexing Primer Common	No known significant effects or critical hazards.
	SureSelect Methyl-Seq PCR1 primer F	No known significant effects or critical hazards.
	SureSelect Methyl-Seq PCR1 primer R	No known significant effects or critical hazards.
	SureSelect Methyl-Seq PCR Master Mix	No known significant effects or critical hazards.
	SureSelect XT 8 bp Indexes	No known significant effects or critical hazards.
	SureSelect Hyb 1	No known significant effects or critical hazards.
	SureSelect Hyb 2	No known significant effects or critical hazards.
	SureSelect Hyb 4	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Indexing Block 1	No known significant effects or critical hazards.
	SureSelect Methyl-Seq Block 3	No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

	nogical information	
Eye contact	 Ind Repair Buffer 5X T4 DNA Ligase Buffer 	No specific data. No specific data.
	Klenow DNA Polymerase	Adverse symptoms may include the following: irritation watering
		redness
	T4 DNA Ligase	Adverse symptoms may include the following:
	C C	irritation
		watering
		redness
	T4 DNA Polymerase	Adverse symptoms may include the following: irritation watering
		redness
	T4 Polynucleotide Kinase	Adverse symptoms may include the following: irritation watering
		redness
	dNTP Mix	No specific data.
	10x Klenow Polymerase Buffer	No specific data.
	Exo(-) Klenow	Adverse symptoms may include the following:
		irritation
		watering redness
	dATP	No specific data.
	SureSelect Methyl-Seq	No specific data.
	Methylated Adapter	'
	SureSelect Methyl-Seq Indexing Primer Common	No specific data.
	SureSelect Methyl-Seq PCR1 primer F	No specific data.
	SureSelect Methyl-Seq PCR1 primer R	No specific data.
	SureSelect Methyl-Seq PCR Master Mix	
	SureSelect XT 8 bp Indexes	No specific data.
	SureSelect Hyb 1 SureSelect Hyb 2	No specific data. Adverse symptoms may include the following:
	Sureselect Hyb 2	pain or irritation watering
		redness
	SureSelect Hyb 4	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2 SureSelect Block 2	No specific data.
	SureSelect Hyb 3	No specific data. No specific data.
	SureSelect RNase Block	Adverse symptoms may include the following:
		irritation watering
		redness
	SureSelect Indexing Block 1	Adverse symptoms may include the following: irritation watering
		redness
	SureSelect Methyl-Seq Block 3	No specific data.

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	gioa memanen	
Inhalation :	10X End Repair Buffer	No specific data.
	5X T4 DNA Ligase Buffer	No specific data.
	Klenow DNA Polymerase	No specific data.
	T4 DNA Ligase	No specific data.
	T4 DNA Polymerase	No specific data.
	T4 Polynucleotide Kinase	No specific data.
	dNTP Mix	No specific data.
	10x Klenow Polymerase	No specific data.
	Buffer	
	Exo(-) Klenow	No specific data.
	dATP	No specific data.
		No specific data.
	SureSelect Methyl-Seq	No specific data.
	Methylated Adapter	Ne enecifie data
	SureSelect Methyl-Seq	No specific data.
	Indexing Primer Common	NI 161 I 1
	SureSelect Methyl-Seq	No specific data.
	PCR1 primer F	
	SureSelect Methyl-Seq	No specific data.
	PCR1 primer R	
	SureSelect Methyl-Seq PCR	No specific data.
	Master Mix	
	SureSelect XT 8 bp Indexes	No specific data.
	SureSelect Hyb 1	No specific data.
	SureSelect Hyb 2	No specific data.
	SureSelect Hyb 4	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect Block 2	No specific data.
	SureSelect Hyb 3	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Indexing Block 1	No specific data.
	SureSelect Methyl-Seq	No specific data.
	Block 3	No specific data.
Skin contact :	10X End Repair Buffer	No specific data.
Skin contact :	5X T4 DNA Ligase Buffer	No specific data.
	Klenow DNA Polymerase	No specific data.
	T4 DNA Ligase	No specific data.
	T4 DNA Polymerase	No specific data.
	T4 Polynucleotide Kinase	No specific data.
	dNTP Mix	No specific data.
	10x Klenow Polymerase	No specific data.
		No an asifia data
	Exo(-) Klenow	No specific data.
	dATP	No specific data.
	SureSelect Methyl-Seq	No specific data.
	Methylated Adapter	Ne execifie data
	SureSelect Methyl-Seq	No specific data.
	Indexing Primer Common	No oppositio data
	SureSelect Methyl-Seq	No specific data.
	PCR1 primer F	No oposifio data
	SureSelect Methyl-Seq	No specific data.
	PCR1 primer R	No oposifio data
	SureSelect Methyl-Seq PCR Master Mix	No specific data.
	SureSelect XT 8 bp Indexes	No specific data.
	SureSelect Hyb 1	No specific data.
	SureSelect Hyb 2	No specific data.
	SureSelect Hyb 2	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect Block 2	No specific data.

	-	
	SureSelect Hyb 3 SureSelect RNase Block SureSelect Indexing Block 1 SureSelect Methyl-Seq Block 3	No specific data. No specific data. No specific data. No specific data.
Ingestion :	10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow dATP SureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq	No specific data. No specific data.
	Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F	No specific data.
	SureSelect Methyl-Seq PCR1 primer R	No specific data.
	SureSelect Methyl-Seq PCR Master Mix	No specific data.
	SureSelect XT 8 bp Indexes SureSelect Hyb 1 SureSelect Hyb 2 SureSelect Hyb 4 SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Block 2 SureSelect Hyb 3 SureSelect Indexing Block 1 SureSelect Indexing Block 1 SureSelect Methyl-Seq Block 3	No specific data. No specific data.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure		
Potential immediate effects	: Not available.	
Potential delayed effects	: Not available.	
Long term exposure		
Potential immediate effects	: Not available.	
Potential delayed effects	: Not available.	
Potential chronic health eff	<u>ects</u>	
General	 10X End Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix 10x Klenow Polymerase Buffer Exo(-) Klenow 	No known significant effects or critical hazards. No known significant effects or critical hazards.

	giour mormation	
	dATP	No known significant effects or critical hazards.
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Methylated Adapter	
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Indexing Primer Common	-
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	PCR1 primer F	C C
	SureSelect Methyl-Seq PCR1 primer R	No known significant effects or critical hazards.
	SureSelect Methyl-Seq PCR Master Mix	No known significant effects or critical hazards.
	SureSelect XT 8 bp Indexes	No known significant effects or critical hazards.
	SureSelect Hyb 1	No known significant effects or critical hazards.
	SureSelect Hyb 2	May cause damage to organs through prolonged or
		repeated exposure.
	SureSelect Hyb 4	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Indexing Block 1	No known significant effects or critical hazards.
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Block 3	No known significant effects of childar hazards.
Carcinogenicity :	10X End Repair Buffer	No known significant effects or critical hazards.
Carcinogenicity .	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase T4 Polynucleotide Kinase	No known significant effects or critical hazards. No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.
		No known significant effects or critical hazards.
	10x Klenow Polymerase Buffer	-
	Exo(-) Klenow	No known significant effects or critical hazards.
	dATP	No known significant effects or critical hazards.
	SureSelect Methyl-Seq Methylated Adapter	No known significant effects or critical hazards.
	SureSelect Methyl-Seq Indexing Primer Common	No known significant effects or critical hazards.
	SureSelect Methyl-Seq PCR1 primer F	No known significant effects or critical hazards.
	SureSelect Methyl-Seq PCR1 primer R	No known significant effects or critical hazards.
	SureSelect Methyl-Seq PCR Master Mix	No known significant effects or critical hazards.
	SureSelect XT 8 bp Indexes	No known significant effects or critical hazards.
	SureSelect Hyb 1	No known significant effects or critical hazards.
	SureSelect Hyb 2	No known significant effects or critical hazards.
	SureSelect Hyb 4	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Indexing Block 1	No known significant effects or critical hazards.
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Block 3	

Mutagenicity 1 10X End Repair Buffer Kienow DNA Polymerase TA DNA Polymerase ANTP Mix No known significant effects or critical hazards. 1 TA Polyucciolde Kinase dNTP Mix No known significant effects or critical hazards. No known significant effects or critical hazards. 1 TA Polyucciolde Kinase dNTP Mix No known significant effects or critical hazards. No known significant effects or critical hazards. SuresSelect Methyl-Seq Indexing Primer Common SuresSelect Methyl-Seq Indexing Primer Common SuresSelect Methyl-Seq Indexing Primer Common SuresSelect Methyl-Seq Indexing Primer Common SuresSelect Methyl-Seq PCR 1 primer R SuresSelect Methyl-Seq No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. SuresSelect XT 8 bp Indexes. No known significant effects or critical hazards. SuresSelect XT 8 bp Indexes. No known significant effects or critical hazards. SuresSelect XT 8 bp Indexes. No known significant effects or critical hazards. SuresSelect XT 8 bp Indexes. No known significant effects or critical hazards. SuresSelect XT 8 bp Indexes. No known significant effects or critical hazards. SuresSelect XT 8 bp Indexes. No known significant effects or critical hazards. SuresSelect XT 8 bp Indexes. No known significant		•	
Klenow DNA Polymerase T 4 DNA Ligase T 4 DNA Polymerase T 4 Polynuclotide Kinase dNT P Mix 10x Klenow Polymerase BufferNo known significant effects or critical hazards. No known significant effects or critical h	Mutagenicity :	10X End Repair Buffer	No known significant effects or critical hazards.
T4 DNA Ligase No known significant effects or critical hazards. VA DNA Polymerase No known significant effects or critical hazards. NVTF Mix No known significant effects or critical hazards. NVK Klenow Polymerase No known significant effects or critical hazards. Buffer Exo(-) Klenow ATP Development No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. SureSelect Methyl-Seq No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. SureSelect Methyl-Seq No known significant effects or critical hazards. SureSelect Hyb 1 No known significant effects or critical hazards. SureSelect Hyb 2 No known significant effects or critical hazards. SureSelect Hyb 4 No known significant effects or critical hazards. SureSelect Hyb 4 No known significant effects or critical hazards. SureSelect Hyb 2 No known significant effects or critical hazards. SureSelect Hyb 3 No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. <		-	
T4 DNA Polymerase T4 Polymucleotide Kinase dNTP Mix No known significant effects or critical hazards. No known significant effects or critical hazards			
T4 Polynucleotide Kinase dNTP Mix No known significant effects or critical hazards. No known signifi		5	
dNTP Mix No known significant effects or critical hazards. Dox Klenow Polymerase Buffer No known significant effects or critical hazards. Karci V Klenow No known significant effects or critical hazards. Methylade Adapter No known significant effects or critical hazards. SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq No known significant effects or critical hazards. PCR1 primer Common SureSelect Methyl-Seq No known significant effects or critical hazards. No Known significant effects or critical hazards. No known significant effects or critical hazards. SureSelect Methyl-Seq No known significant effects or critical hazards. SureSelect Methyl-Seq No known significant effects or critical hazards. SureSelect Hyb 1 No known significant effects or critical hazards. SureSelect Hyb 2 No known significant effects or critical hazards. SureSelect Hyb 2 No known significant effects or critical hazards. SureSelect Hyb 3 No known significant effects or critical hazards. SureSelect Hyb 4 No known significant effects or critical hazards. SureSelect Methyl-Seq Block 3 No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.			-
10x Klenow Połymerase Buffer No known significant effects or critical hazards. 20x Klenow dATP No known significant effects or critical hazards. 20x Select Methyl-Seq Methylated Adapter No known significant effects or critical hazards. 20x Select Methyl-Seq PCR1 primer F No known significant effects or critical hazards. 20x Select Methyl-Seq PCR1 primer R No known significant effects or critical hazards. 20x Select Methyl-Seq PCR1 primer R No known significant effects or critical hazards. 20x Select Methyl-Seq PCR1 primer R No known significant effects or critical hazards. 20x Select Methyl-Seq PCR1 primer R No known significant effects or critical hazards. 20x Select Methyl-Seq PCR1 primer R No known significant effects or critical hazards. 20x Select Hyb 1 No known significant effects or critical hazards. 20x Select Hyb 2 No known significant effects or critical hazards. 20x Select Hyb 3 No known significant effects or critical hazards. 20x Select Hyb 3 No known significant effects or critical hazards. 20x Select Methyl-Seq PCR1 primer Common SureSelect Methyl-Seq PCR1 primer Common SureSelect Methyl-Seq PCR1 primer Common SureSelect Methyl-Seq PCR1 primer R No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or cri		•	
BufferExc(-) KlenowNo known significant effects or critical hazards. No known significant effects or critical hazards. PCR1 pimer FSureSelect Methyl-Seq PCR1 pimer RNo known significant effects or critical hazards. No known significant effects or critical hazards. PCR1 pimer RSureSelect Methyl-Seq PCR1 pimer RNo known significant effects or critical hazards. No known significant effects or critical hazards			
Exo(-) Klenow dATPNo known significant effects or critical hazards. No known significant effects or critical hazards. N			No known significant effects or critical hazards.
dATP No known significant effects or critical hazards. SureSelect Methyl-Seq No known significant effects or critical hazards. SureSelect Methyl-Seq No known significant effects or critical hazards. PCR1 primer F SureSelect Methyl-Seq PCR1 primer R No known significant effects or critical hazards. PCR1 primer R No known significant effects or critical hazards. SureSelect Methyl-Seq No known significant effects or critical hazards. SureSelect Methyl-Seq No known significant effects or critical hazards. SureSelect Methyl-Seq No known significant effects or critical hazards. SureSelect Binding Buffer No known significant effects or critical hazards. SureSelect Binding Buffer No known significant effects or critical hazards. SureSelect Methyl-Seq No known significant effects or critical hazards. SureSelect Methyl-Seq No known significant effects or critical hazards. SureSelect Methyl-Seq No known significant effects or critical hazards. SureSelect Methyl-Seq No known significant effects or critical hazards. SureSelect Methyl-Seq No known significant effects or critical hazards. SureSelect Methyl-Seq No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects			No known aignificant offacts or critical bazarda
SureSelect Methyl-Seq Methylated Adapter No known significant effects or critical hazards. Methylated Adapter No known significant effects or critical hazards. SureSelect Methyl-Seq PCR1 primer F No known significant effects or critical hazards. SureSelect Methyl-Seq PCR1 primer R No known significant effects or critical hazards. SureSelect Methyl-Seq PCR No known significant effects or critical hazards. SureSelect Methyl-Seq PCR No known significant effects or critical hazards. SureSelect Hyb 1 No known significant effects or critical hazards. SureSelect Hyb 2 No known significant effects or critical hazards. SureSelect Hyb 3 No known significant effects or critical hazards. SureSelect Mash Buffer 1 No known significant effects or critical hazards. SureSelect Methyl-Seq Block 3 No known significant effects or critical hazards. SureSelect Methyl-Seq Block 3 No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. SureSelect Methyl-Seq Mothylated Adapter No known significant effects or critical hazards. No known signific			
Methylated Adapter SureSelect Methyl-Seq Indexing Primer Common SureSelect Methyl-Seq PCR1 primer FNo known significant effects or critical hazards. No known signifi			
Indexing Primer Common SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR SureSelect Methyl-Seq PCR1 primer RNo known significant effects or critical hazards. No known significant effects or critical hazards.			No known significant enects of childa hazards.
PCR1 primer FSureSelect Methyl-Seq PCR1 primer MSureSelect Methyl-Seq PCRMaster Mix SureSelect Hyb 1SureSelect Hyb 2SureSelect Hyb 2SureSelect Hyb 2SureSelect Hyb 2SureSelect Hyb 2SureSelect Hyb 3SureSelect Wash Buffer 1SureSelect Methyl-Seq Block 3SureSelect Indexing Block 1SureSelect Indexing Block 2SureSelect Mash Buffer 1SureSelect Mash Buffer 2SureSelect Mash Buffer 1SureSelect Mash Buffer 2SureSelect Mash Buffer 1SureSelect Mash Buffer 1SureSelect Mash Buffer 1SureSelect Mash Buffer 1SureSelect Mash Polymerase 14 DNA Ligase Buffer Klenow DNA Polymerase 14 DNA PolymeraseSureSelect Methyl-Seq BufferBurdSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq Methylated AdapterSureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq PCR1 primer FSureSelect Methyl-Seq Methylated Adapter SureSelect Methyl-Seq PCR1 primer FSureSelect Methyl-Seq PCR1 primer FSureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR1 primer FSureSelect Methyl-Seq PCR1 primer R SureSelect Methyl-Seq PCR1 primer F SureSelect Methyl-Seq PCR5 primer Common SureSelect Methyl-Seq PCR5 primer Mash Mush SureSelect Methyl-Seq 			No known significant effects or critical hazards.
SureSelect Methyl-Seq PCR1 primer RNo known significant effects or critical hazards.SureSelect Methyl-Seq PCR Master MixNo known significant effects or critical hazards.SureSelect Hyb 1 SureSelect Hyb 2No known significant effects or critical hazards.SureSelect Hyb 2 SureSelect Hyb 4No known significant effects or critical hazards.SureSelect Hyb 4 SureSelect Hyb 4No known significant effects or critical hazards.SureSelect Hyb 3 SureSelect Hyb 3No known significant effects or critical hazards.SureSelect Hyb 3 SureSelect Hyb 3 SureSelect Hyb 3No known significant effects or critical hazards.SureSelect Hyb 3 SureSelect Methyl-Seq Block 3No known significant effects or critical hazards.Reproductive toxicity10X End Repair Bulfer SureSelect Indexing Block 1 No known significant effects or critical hazards.Reproductive toxicity10X End Repair Bulfer SureSelect Methyl-Seq Block 3Reproductive toxicity10X End Repair Bulfer SureSelect Methyl-Seq HoA Polymerase T4 DNA Ligase Bulfer SureSelect Methyl-Seq IDA Klenow Polymerase BulferReproductive toxicity10X Klenow Polymerase Bul			No known significant effects or critical hazards.
SureSelect MixNo known significant effects or critical hazards. No known significant effects or critical hazards. SureSelect Wash Buffer 1 SureSelect Mash Buffer 2 SureSelect Mash Buffer 2 No known significant effects or critical hazards. SureSelect Mash Buffer 3 No known significant effects or critical hazards. No known significant effects or critical hazards. N		SureSelect Methyl-Seq	No known significant effects or critical hazards.
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SureSelect Hyb 1No known significant effects or critical hazards. No know			No known significant effects or critical hazards.
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SureSelect XT Methyl-Seq Reagent Kits - 96 Reactions - Revised Configuration, Part Number G9651B

Section 11. Toxicological information

SureSelect Hyb 3 SureSelect RNase Block SureSelect Indexing Block 1 SureSelect Methyl-Seq Block 3 No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
10X End Repair Buffer 10X End Repair Buffer	32467.5	N/A	N/A	N/A	N/A
5X T4 DNA Ligase Buffer Poly(oxy-1,2-ethanediyl),α-hydro-ω-hydroxy- Ethane-1,2-diol, ethoxylated	28000	N/A	N/A	N/A	N/A
Klenow DNA Polymerase Glycerol	12600	N/A	N/A	N/A	N/A
T4 DNA Ligase Glycerol	12600	N/A	N/A	N/A	N/A
T4 DNA Polymerase Glycerol	12600	N/A	N/A	N/A	N/A
T4 Polynucleotide Kinase Glycerol	12600	N/A	N/A	N/A	N/A
Exo(-) Klenow Glycerol	12600	N/A	N/A	N/A	N/A
SureSelect Methyl-Seq PCR Master Mix Glycerol	12600	N/A	N/A	N/A	N/A
SureSelect Hyb 2 SureSelect Hyb 2 Edetic acid	N/A 4500	N/A N/A	N/A N/A	N/A N/A	10.3 1.5
SureSelect RNase Block Glycerol	12600	N/A	N/A	N/A	N/A
SureSelect Indexing Block 1 Glycerol	12600	N/A	N/A	N/A	N/A

Other	inform	ation
Other		ation

Adverse symptoms may include the following: May
cause skin sensitisation. Adverse symptoms may include the following: May cause skin sensitisation.
Adverse symptoms may include the following: May cause skin sensitisation.
Adverse symptoms may include the following: May cause skin sensitisation.
Adverse symptoms may include the following: May cause skin sensitisation.

Toxicity

Product/ingredient name	Result	Species	Exposure
5X T4 DNA Ligase Buffer Poly(oxy-1,2-ethanediyl),α- hydro-ω-hydroxy- Ethane- 1,2-diol, ethoxylated	Acute EC50 >100 mg/l Fresh water	Daphnia - <i>Daphnia magna</i>	48 hours
	Acute LC50 >1000000 µg/l Fresh water	Fish - <i>Salmo salar -</i> Parr	96 hours
Klenow DNA Polymerase Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
T4 DNA Ligase Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
T4 DNA Polymerase Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
T4 Polynucleotide Kinase Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
Exo(-) Klenow Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
SureSelect Methyl-Seq PCR Master Mix Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
SureSelect Hyb 2 Edetic acid	Acute EC50 >60 mg/l Fresh water Acute EC50 113000 μg/l Fresh water	Algae - <i>Raphidocelis subcapitata</i> Daphnia - <i>Daphnia magna</i> -	72 hours 48 hours
	Acute LC50 129000 μg/l Fresh water	Neonate Fish - <i>Ictalurus punctatus -</i> Fingerling	96 hours
SureSelect RNase Block Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
SureSelect Indexing Block 1			
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours

Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
5X T4 DNA Ligase Buffer Poly(oxy-1,2-ethanediyl),α- hydro-ω-hydroxy- Ethane- 1,2-diol, ethoxylated	OECD 301D Ready Biodegradability - Closed Bottle Test	74.85 % - Readily - 28 days	4 mg/l	-
Klenow DNA Polymerase Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
T4 DNA Ligase Glycerol	301D Ready Biodegradability -	93 % - 30 days	-	-
Date of issue/Date of revision	: 29/02/2024	Date of previous issue : 10/03	3/2021	Version : 5 85/8

	logical inform	lation		
	Closed Bottle Test			
T4 DNA Polymerase Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
T4 Polynucleotide Kinas Glycerol	e 301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
Exo(-) Klenow Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
SureSelect Methyl-Seq PCR Master Mix Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
SureSelect RNase Block Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
SureSelect Indexing Bloo 1 Glycerol	ck 301D Ready	93 % - 30 days		

Bioaccumulative potential

Product/ingredient name

5X T4 DNA Ligase Buffer Poly(oxy-1,2-ethanediyl),α-

hydro-ω-hydroxy- Ethane-1,2-diol, ethoxylated

SureSelect Hyb 2

Edetic acid

Test

Aquatic half-life

Product/ingredient name	LogPow	BCF		Potential	
5X T4 DNA Ligase Buffer Poly(oxy-1,2-ethanediyl),α- hydro-ω-hydroxy- Ethane- 1,2-diol, ethoxylated	-	3.2		Low	
Klenow DNA Polymerase Glycerol	-1.76	-		Low	
T4 DNA Ligase					
Date of issue/Date of revision	: 29/02/2024	Date of previous issue	: 10/03/2021	Version : 5	86/89

Photolysis

Biodegradability

Readily

Not readily

SureSelect XT Methyl-Seq Reagent Kits	- 96 Reactions - Revise	d Configuration, Pa	rt Number G9651B
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Section 12. Ecological information				
Glycerol	-1.76	-	Low	
T4 DNA Polymerase Glycerol	-1.76	-	Low	
T4 Polynucleotide Kinase Glycerol	-1.76	-	Low	
Exo(-) Klenow Glycerol	-1.76	-	Low	
SureSelect Methyl-Seq PCR Master Mix Glycerol	-1.76	-	Low	
SureSelect Hyb 2 Edetic acid	-	1.8	Low	
SureSelect RNase Block Glycerol	-1.76	-	Low	
SureSelect Indexing Block				
Glycerol	-1.76	-	Low	

Mobility in soil

Soil/water partition : Not coefficient (K _{oc})

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods	: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill
	should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

ADG / IMDG / IATA	:	Not regulated as Dangerous Goods according to the ADG Code .
Special precautions for user	:	Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
Transport in bulk according to IMO instruments	:	Not available.

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Section 15. Regulatory information

Standard for the Uniform Scheduling of Medicines and Poisons

5

Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

Australia	: Not determined.
New Zealand	: Not determined.
United States	: 🕅 components are active or exempted.

Section 16. Any other relevant information

<u>History</u>	
Date of issue/Date of revision	: 29/02/2024
Date of previous issue	: 10/03/2021
Version	: 5
Key to abbreviations	 ADG = Australian Dangerous Goods ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available SUSMP = Standard Uniform Schedule of Medicine and Poisons UN = United Nations

Procedure used to derive the classification

Classification	Justification
Kienow DNA Polymerase SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2B	Calculation method
T4 DNA Ligase SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2B	Calculation method
T4 DNA Polymerase SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2B	Calculation method
Date of issue/Date of revision : 29/02/2024 Date of previo	us issue : 10/03/2021 Version : 5 88/89

Section 16. Any other relevant information

T4 Polynucleotide Kinase SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2B	Calculation method
Exo(-) Klenow SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2B	Calculation method
SureSelect Hyb 2 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2	Calculation method Calculation method
SureSelect RNase Block SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2B	Calculation method
SureSelect Indexing Block 1 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2B	Calculation method

V Indicates information that has changed from previously issued version.

Notice to reader

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