

SAFETY DATA SHEET



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.	:	<table border="0"> <tr><td>10X End Repair Buffer</td><td>5190-3609</td></tr> <tr><td>5X T4 DNA Ligase Buffer</td><td>5190-3610</td></tr> <tr><td>Klenow DNA Polymerase</td><td>5190-3615</td></tr> <tr><td>T4 DNA Ligase</td><td>5190-3612</td></tr> <tr><td>T4 DNA Polymerase</td><td>5190-3614</td></tr> <tr><td>T4 Polynucleotide Kinase</td><td>5190-3616</td></tr> <tr><td>dNTP Mix</td><td>5190-3618</td></tr> <tr><td>10x Klenow Polymerase Buffer</td><td>5190-3611</td></tr> <tr><td>Exo(-) Klenow</td><td>5190-3613</td></tr> <tr><td>dATP</td><td>5190-3617</td></tr> <tr><td>SureSelect Methyl-Seq Methylated Adapter</td><td>5190-4970</td></tr> <tr><td>SureSelect Methyl-Seq Indexing Primer Common</td><td>5190-4973</td></tr> <tr><td>SureSelect Methyl-Seq PCR1 Primer F</td><td>5190-4971</td></tr> <tr><td>SureSelect Methyl-Seq PCR1 primer R</td><td>5190-4972</td></tr> <tr><td>SureSelect Methyl-Seq PCR Master Mix</td><td>5190-7911</td></tr> <tr><td>SureSelect Methyl-Seq Library Prep Kit</td><td>5190-7928</td></tr> <tr><td>SureSelect Hyb 1</td><td>5190-4404</td></tr> <tr><td>SureSelect Hyb 2</td><td>5190-4405</td></tr> <tr><td>SureSelect Hyb 4</td><td>5190-4406</td></tr> <tr><td>SureSelect Binding Buffer</td><td>5190-4407</td></tr> <tr><td>SureSelect Wash Buffer 1</td><td>5190-4408</td></tr> <tr><td>SureSelect Wash Buffer 2</td><td>5190-4409</td></tr> <tr><td>SureSelect Elution Buffer</td><td>5190-4410</td></tr> <tr><td>SureSelect Block 2</td><td>5190-4384</td></tr> <tr><td>SureSelect Hyb 3</td><td>5190-4385</td></tr> <tr><td>SureSelect RNase Block</td><td>5190-4386</td></tr> <tr><td>SureSelect Indexing Block 1</td><td>5190-4428</td></tr> <tr><td>SureSelect Methyl-Seq Block 3</td><td>5190-5005</td></tr> </table>	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 Polymerase	5190-3614	T4 Polynucleotide Kinase	5190-3616	dNTP Mix	5190-3618	10x Klenow Polymerase Buffer	5190-3611	Exo(-) Klenow	5190-3613	dATP	5190-3617	SureSelect Methyl-Seq Methylated Adapter	5190-4970	SureSelect Methyl-Seq Indexing Primer Common	5190-4973	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 Methyl-Seq Library Prep Kit	5190-7928	SureSelect Hyb 1	5190-4404	SureSelect Hyb 2	5190-4405	SureSelect Hyb 4	5190-4406	SureSelect Binding Buffer	5190-4407	SureSelect Wash Buffer 1	5190-4408	SureSelect Wash Buffer 2	5190-4409	SureSelect Elution Buffer	5190-4410	SureSelect Block 2	5190-4384	SureSelect Hyb 3	5190-4385	SureSelect RNase Block	5190-4386	SureSelect Indexing Block 1	5190-4428	SureSelect Methyl-Seq Block 3	5190-5005
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SureSelect Methyl-Seq Block 3	5190-5005																																																									

Relevant identified uses of the substance or mixture and uses advised against

Analytical reagent.

10X End Repair Buffer	1.4 ml (96 reactions)
5X T4 DNA Ligase Buffer	1.4 ml (96 reactions)
Klenow DNA Polymerase	0.29 ml (96 reactions)
T4 DNA Ligase	0.21 ml (96 reactions)
T4 DNA Polymerase	0.14 ml (96 reactions)
T4 Polynucleotide Kinase	0.3 ml (96 reactions)
dNTP Mix	0.23 ml (96 reactions)
10x Klenow Polymerase Buffer	0.8 ml (96 reactions)
Exo(-) Klenow	0.49 ml (96 reactions)
dATP	0.16 ml (96 reactions)
SureSelect Methyl-Seq Methylated Adapter	0.5 ml (96 reactions)
SureSelect Methyl-Seq Indexing Primer Common	0.3 ml (96 reactions)
SureSelect Methyl-Seq PCR1 Primer F	0.3 ml (96 reactions)
SureSelect Methyl-Seq PCR1 primer R	0.3 ml (96 reactions)
SureSelect Methyl-Seq PCR Master Mix	7.92 ml (96 reactions)
SureSelect Methyl-Seq Library Prep Kit	1.44 ml (0.015 ml x 96)
SureSelect Hyb 1	2.4 ml
SureSelect Hyb 2	0.096 ml
SureSelect Hyb 4	1.25 ml
SureSelect Binding Buffer	80 ml

Section 1. Identification

SureSelect Wash Buffer 1	48 mL
SureSelect Wash Buffer 2	144 mL
SureSelect Elution Buffer	5.8 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

5X T4 DNA Ligase Buffer

H319 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A

SureSelect Hyb 1

H319 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A

SureSelect Elution Buffer

H290 CORROSIVE TO METALS - Category 1

10X End Repair Buffer	Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 7.9%
5X T4 DNA Ligase Buffer	Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 3.9%
Klenow DNA Polymerase	Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 2%
T4 DNA Polymerase	Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 2%
T4 Polynucleotide Kinase	Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 2%
dNTP Mix	Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 6%
10x Klenow Polymerase Buffer	Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 7.9%
SureSelect Hyb 3	Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 1%
SureSelect Indexing Block 1	Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 2%
10X End Repair Buffer	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 7.9%
5X T4 DNA Ligase Buffer	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 3.9%
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%
T4 Polynucleotide Kinase	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 Buffer	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 7.9%

Section 2. Hazard(s) identification

SureSelect Hyb 3	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 1%
SureSelect Indexing Block 1	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 2%

GHS label elements

Hazard pictograms



Signal word

10X End Repair Buffer	No signal word.
5X T4 DNA Ligase Buffer	WARNING
Klenow DNA Polymerase	No signal word.
T4 DNA Ligase	No signal word.
T4 DNA Polymerase	No signal word.
T4 Polynucleotide Kinase	No signal word.
dNTP Mix	No signal word.
10x Klenow Polymerase Buffer	No signal word.
Exo(-) Klenow	No signal word.
dATP	No signal word.
SureSelect Methyl-Seq Methylated Adapter	No signal word.
SureSelect Methyl-Seq Indexing Primer Common	No signal word.
SureSelect Methyl-Seq PCR1 Primer F	No signal word.
SureSelect Methyl-Seq PCR1 primer R	No signal word.
SureSelect Methyl-Seq PCR Master Mix	No signal word.
SureSelect Methyl-Seq Library Prep Kit	No signal word.
SureSelect Hyb 1	WARNING
SureSelect Hyb 2	No signal word.
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 Elution Buffer	WARNING
SureSelect Block 2	No signal word.
SureSelect Hyb 3	No signal word.
SureSelect RNase Block	No signal word.
SureSelect Indexing Block 1	No signal word.
SureSelect Methyl-Seq Block 3	No signal word.

Hazard statements

10X End Repair Buffer	No known significant effects or critical hazards.
5X T4 DNA Ligase Buffer	H319 - Causes serious eye irritation.
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.

Section 2. Hazard(s) identification

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 Methyl-Seq Library Prep Kit	No known significant effects or critical hazards.
SureSelect Hyb 1	H319 - Causes serious eye irritation.
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 Elution Buffer	H290 - May be corrosive to metals.
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.

Precautionary statements

Prevention

10X End Repair Buffer	Not applicable.
5X T4 DNA Ligase Buffer	P280 - Wear eye or face protection. P264 - Wash hands thoroughly after handling.
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 Buffer	Not applicable.
Exo(-) Klenow dATP	Not applicable.
SureSelect Methyl-Seq Methylated Adapter	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 Methyl-Seq Library Prep Kit	Not applicable.
SureSelect Hyb 1	P280 - Wear eye or face protection. P264 - Wash hands thoroughly after handling.
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 Elution Buffer	P234 - Keep only in original container.
SureSelect Block 2	Not applicable.
SureSelect Hyb 3	Not applicable.
SureSelect RNase Block	Not applicable.
SureSelect Indexing Block 1	Not applicable.
SureSelect Methyl-Seq Block 3	Not applicable.

Section 2. Hazard(s) identification

Response	: 10X End Repair Buffer	Not applicable.
	5X T4 DNA Ligase Buffer	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 attention.
	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 Buffer	Not applicable.
	Exo(-) Klenow dATP	Not applicable.
	SureSelect Methyl-Seq Methylated Adapter	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 Methyl-Seq Library Prep Kit	Not applicable.
	SureSelect Hyb 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 attention.
	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 Elution Buffer	P390 - Absorb spillage to prevent material damage.
	SureSelect Block 2	Not applicable.
	SureSelect Hyb 3	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Indexing Block 1	Not applicable.
	SureSelect Methyl-Seq Block 3	Not applicable.
Storage	: 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 Buffer	Not applicable.
	Exo(-) Klenow dATP	Not applicable.
	SureSelect Methyl-Seq Methylated Adapter	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.

Section 2. Hazard(s) identification

	SureSelect Methyl-Seq PCR Master Mix	Not applicable.
	SureSelect Methyl-Seq Library Prep Kit	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 Elution Buffer	P406 - Store in corrosive resistant container with a resistant inner liner.
	SureSelect Block 2	Not applicable.
	SureSelect Hyb 3	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Indexing Block 1	Not applicable.
	SureSelect Methyl-Seq Block 3	Not applicable.
Disposal	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 Buffer	Not applicable.
	Exo(-) Klenow dATP	Not applicable.
	SureSelect Methyl-Seq Methylated Adapter	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 Methyl-Seq Library Prep Kit	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 Elution Buffer	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 Block 3	Not applicable.
Supplemental label elements	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 Buffer	Not applicable.

Section 2. Hazard(s) identification

Exo(-) Klenow	Not applicable.
dATP	Not applicable.
SureSelect Methyl-Seq Methylated Adapter	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 Methyl-Seq Library Prep Kit	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 Elution Buffer	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 Block 3	Not applicable.

Other hazards which do not result in classification

10X End Repair Buffer	None known.
5X T4 DNA Ligase Buffer	None known.
Klenow DNA Polymerase	None known.
T4 DNA Ligase	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	None known.
SureSelect Methyl-Seq Methylated Adapter	None known.
SureSelect Methyl-Seq Indexing Primer Common	None known.
SureSelect Methyl-Seq PCR1 Primer F	None known.
SureSelect Methyl-Seq PCR1 primer R	None known.
SureSelect Methyl-Seq PCR Master Mix	None known.
SureSelect Methyl-Seq Library Prep Kit	None known.
SureSelect Hyb 1	None known.
SureSelect Hyb 2	None known.
SureSelect Hyb 4	None known.
SureSelect Binding Buffer	None known.
SureSelect Wash Buffer 1	None known.
SureSelect Wash Buffer 2	None known.
SureSelect Elution Buffer	None known.
SureSelect Block 2	None known.
SureSelect Hyb 3	None known.
SureSelect RNase Block	None known.
SureSelect Indexing Block 1	None known.
SureSelect Methyl-Seq	None known.

Section 2. Hazard(s) identification

Block 3

Section 3. Composition and ingredient information

Substance/mixture	:	10X End Repair Buffer	Mixture
		5X T4 DNA Ligase Buffer	Mixture
		Klenow DNA Polymerase	Mixture
		T4 DNA Ligase	Mixture
		T4 DNA Polymerase	Mixture
		T4 Polynucleotide Kinase	Mixture
		dNTP Mix	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 Methyl-Seq Library Prep Kit	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 Elution Buffer	Mixture
		SureSelect Block 2	Mixture
		SureSelect Hyb 3	Mixture
		SureSelect RNase Block	Mixture
		SureSelect Indexing Block 1	Mixture
		SureSelect Methyl-Seq Block 3	Mixture

CAS number/other identifiers

Ingredient name	% (w/w)	CAS number
5X T4 DNA Ligase Buffer		
Polyethylene glycol	≥10 - ≤30	25322-68-3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	≤5	1185-53-1
Klenow DNA Polymerase		
Glycerol	≥30 - ≤60	56-81-5
T4 DNA Ligase		
Glycerol	≥30 - ≤60	56-81-5
T4 DNA Polymerase		
Glycerol	≥30 - ≤60	56-81-5
T4 Polynucleotide Kinase		
Glycerol	≥30 - ≤60	56-81-5
Exo(-) Klenow		
Glycerol	≥30 - ≤60	56-81-5

Section 3. Composition and ingredient information

SureSelect Methyl-Seq PCR Master Mix Glycerol	≤10	56-81-5
SureSelect Hyb 1 Sodium chloride	≥10 - <25	7647-14-5
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 as hazardous to health or the environment and hence require reporting in this section.

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

Section 4. First aid measures

Description of necessary 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. Continue to rinse for at least 10 minutes. Get medical attention.
	Klenow DNA Polymerase	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.
	T4 DNA Ligase	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.
	T4 DNA Polymerase	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.
	T4 Polynucleotide Kinase	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.
	dNTP Mix	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.
	10x Klenow Polymerase 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.
	Exo(-) Klenow	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.
	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 Methylated Adapter	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get

Section 4. First aid measures

SureSelect Methyl-Seq Indexing Primer Common	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 Methyl-Seq PCR1 Primer F	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 PCR1 primer R	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 PCR Master Mix	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 Library Prep Kit	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 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. Get medical attention.
SureSelect Hyb 2	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 4	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 Binding 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.
SureSelect Wash Buffer 1	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 2	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 Elution Buffer	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 if irritation occurs.
SureSelect Block 2	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 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.
SureSelect RNase Block	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 Indexing Block 1	Immediately flush eyes with plenty of water,

Section 4. First aid measures

Inhalation

SureSelect Methyl-Seq
Block 3

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 medical attention if irritation occurs.

: 10X 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. 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. 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. Get medical attention if symptoms occur.

T4 DNA Ligase

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

T4 DNA Polymerase

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

T4 Polynucleotide Kinase

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.

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. Get medical attention if symptoms occur.

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

Section 4. First aid measures

SureSelect Methyl-Seq Indexing Primer Common	attention if symptoms occur. 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.
SureSelect Methyl-Seq Library Prep Kit	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. 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.
SureSelect Hyb 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 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 Elution Buffer	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.
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

Section 4. First aid measures

Skin contact

		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. Get medical attention if symptoms occur.
	SureSelect Indexing Block 1	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect Methyl-Seq Block 3	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	10X 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. Wash clothing before reuse. Clean shoes thoroughly before reuse.
	Klenow DNA Polymerase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	T4 DNA Ligase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	T4 DNA Polymerase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	T4 Polynucleotide Kinase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	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 medical attention if symptoms occur.
	Exo(-) Klenow	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	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 Methyl-Seq Library Prep Kit	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Section 4. First aid measures

SureSelect Hyb 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 Hyb 2	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
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 medical attention if symptoms occur.
SureSelect Elution Buffer	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 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. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect RNase Block	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect Indexing Block 1	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect Methyl-Seq Block 3	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion : 10X End Repair Buffer	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
Klenow DNA Polymerase	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for

Section 4. First aid measures

	breathing. 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.
T4 DNA Ligase	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
T4 DNA Polymerase	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
T4 Polynucleotide Kinase	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
dNTP Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 victim to fresh air and keep at rest in a position comfortable for breathing. 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.
dATP	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 Methylated Adapter	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 Indexing Primer Common	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for

Section 4. First aid measures

	breathing. 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. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 R	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 PCR Master Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 Library Prep Kit	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 Hyb 1	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
SureSelect Hyb 2	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 Hyb 4	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.

Section 4. First aid measures

SureSelect Binding Buffer	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 2	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 Elution Buffer	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
SureSelect Block 2	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 Hyb 3	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 RNase Block	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 Indexing Block 1	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless

Section 4. First aid measures

SureSelect Methyl-Seq
Block 3

directed to do so by medical personnel. Get medical attention if symptoms occur.
Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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/effects, acute and delayed

Potential acute health effects

Eye contact

10X End Repair Buffer	No known significant effects or critical hazards.
5X T4 DNA Ligase Buffer	Causes serious eye irritation.
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 Methyl-Seq Library Prep Kit	No known significant effects or critical hazards.
SureSelect Hyb 1	Causes serious eye irritation.
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 Elution Buffer	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.

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.
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	No known significant effects or critical hazards.

Section 4. First aid measures

	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 Methyl-Seq Library Prep Kit	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 Elution Buffer	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.
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 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 Methyl-Seq Library Prep Kit	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 Elution Buffer	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.

Section 4. First aid measures

	SureSelect Hyb 1	Adverse symptoms may include the following: pain or irritation watering redness
	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 Elution Buffer	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.
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 Buffer	No specific data.
	Exo(-) Klenow dATP	No specific data.
	SureSelect Methyl-Seq Methylated Adapter	No specific data.
	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	No specific data.
	SureSelect Methyl-Seq Library Prep Kit	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 Elution Buffer	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 Buffer	No specific data.
	Exo(-) Klenow dATP	No specific data.

Section 4. First aid measures

SureSelect Methyl-Seq Methylated Adapter	No specific data.
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	No specific data.
SureSelect Methyl-Seq Library Prep Kit	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 Elution Buffer	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.

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 Buffer	No specific data.
Exo(-) Klenow dATP	No specific data.
SureSelect Methyl-Seq Methylated Adapter	No specific data.
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	No specific data.
SureSelect Methyl-Seq Library Prep Kit	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 Elution Buffer	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.

Indication of immediate medical attention and special treatment needed, if necessary

Section 4. First aid measures

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 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 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	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.
		dNTP Mix	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	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 specialist immediately if large quantities have been ingested or inhaled.
		SureSelect Methyl-Seq Methylated Adapter	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		SureSelect Methyl-Seq Indexing Primer Common	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		SureSelect Methyl-Seq PCR1 Primer F	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		SureSelect Methyl-Seq PCR1 primer R	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		SureSelect Methyl-Seq PCR Master Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		SureSelect Methyl-Seq Library Prep Kit	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		SureSelect Hyb 1	Treat symptomatically. Contact poison treatment 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.

Section 4. First aid measures

SureSelect Binding Buffer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect Wash Buffer 1	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect Wash Buffer 2	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect Elution Buffer	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	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect Methyl-Seq Block 3	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments

10X End Repair Buffer	No specific treatment.
5X T4 DNA Ligase Buffer	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 Methylated Adapter	No specific treatment.
SureSelect Methyl-Seq Indexing Primer Common	No specific treatment.
SureSelect Methyl-Seq PCR1 Primer F	No specific treatment.
SureSelect Methyl-Seq PCR1 primer R	No specific treatment.
SureSelect Methyl-Seq PCR Master Mix	No specific treatment.
SureSelect Methyl-Seq Library Prep Kit	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 Elution Buffer	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.

Section 4. First aid measures

	SureSelect Methyl-Seq Block 3	No specific treatment.
Protection of first-aiders	: 10X 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. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
	Klenow DNA Polymerase	No action shall be taken involving any personal risk or without suitable training.
	T4 DNA Ligase	No action shall be taken involving any personal risk or without suitable training.
	T4 DNA Polymerase	No action shall be taken involving any personal risk or without suitable training.
	T4 Polynucleotide Kinase	No action shall be taken involving any personal risk or without suitable training.
	dNTP Mix	No action shall be taken involving any personal risk or without suitable training.
	10x Klenow Polymerase Buffer	No action shall be taken involving any personal risk or without suitable training.
	Exo(-) Klenow	No action shall be taken involving any personal risk or without suitable training.
	dATP	No action shall be taken involving any personal risk or without suitable training.
	SureSelect Methyl-Seq Methylated Adapter	No action shall be taken involving any personal risk or without suitable training.
	SureSelect Methyl-Seq Indexing Primer Common	No action shall be taken involving any personal risk or without suitable training.
	SureSelect Methyl-Seq PCR1 Primer F	No action shall be taken involving any personal risk or without suitable training.
	SureSelect Methyl-Seq PCR1 primer R	No action shall be taken involving any personal risk or without suitable training.
	SureSelect Methyl-Seq PCR Master Mix	No action shall be taken involving any personal risk or without suitable training.
	SureSelect Methyl-Seq Library Prep Kit	No action shall be taken involving any personal risk or without suitable training.
	SureSelect Hyb 1	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 2	No action shall be taken involving any personal risk or without suitable training.
	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 Elution Buffer	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 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.
	SureSelect Indexing Block 1	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

Section 4. First aid measures

Block 3

or without suitable training.

See toxicological information (Section 11)

Section 5. Firefighting measures

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.
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 Methylated Adapter	Use an extinguishing agent suitable for the surrounding fire.
SureSelect Methyl-Seq Indexing Primer Common	Use an extinguishing agent suitable for the surrounding fire.
SureSelect Methyl-Seq PCR1 Primer F	Use an extinguishing agent suitable for the surrounding fire.
SureSelect Methyl-Seq PCR1 primer R	Use an extinguishing agent suitable for the surrounding fire.
SureSelect Methyl-Seq PCR Master Mix	Use an extinguishing agent suitable for the surrounding fire.
SureSelect Methyl-Seq Library Prep Kit	Use an extinguishing agent suitable for the surrounding fire.
SureSelect Hyb 1	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 Elution Buffer	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.

Section 5. Firefighting measures

Unsuitable extinguishing media	:	10X End Repair Buffer	None known.		
		5X T4 DNA Ligase Buffer	None known.		
		Klenow DNA Polymerase	None known.		
		T4 DNA Ligase	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	None known.		
		SureSelect Methyl-Seq Methylated Adapter	None known.		
		SureSelect Methyl-Seq Indexing Primer Common	None known.		
		SureSelect Methyl-Seq PCR1 Primer F	None known.		
		SureSelect Methyl-Seq PCR1 primer R	None known.		
		SureSelect Methyl-Seq PCR Master Mix	None known.		
		SureSelect Methyl-Seq Library Prep Kit	None known.		
		SureSelect Hyb 1	None known.		
		SureSelect Hyb 2	None known.		
		SureSelect Hyb 4	None known.		
		SureSelect Binding Buffer	None known.		
		SureSelect Wash Buffer 1	None known.		
		SureSelect Wash Buffer 2	None known.		
		SureSelect Elution Buffer	None known.		
		SureSelect Block 2	None known.		
		SureSelect Hyb 3	None known.		
		SureSelect RNase Block	None known.		
		SureSelect Indexing Block 1	None known.		
		SureSelect Methyl-Seq Block 3	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.
				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 Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.				
Exo(-) Klenow	In a fire or if heated, a pressure increase will occur and the container may burst.				
dATP	In a fire or if heated, a pressure increase will occur and the container may burst.				
SureSelect Methyl-Seq Methylated Adapter	In a fire or if heated, a pressure increase will occur and the container may burst.				
SureSelect Methyl-Seq Indexing Primer Common	In a fire or if heated, a pressure increase will occur and the container may burst.				
SureSelect Methyl-Seq PCR1 Primer F	In a fire or if heated, a pressure increase will occur and the container may burst.				

Section 5. Firefighting measures

SureSelect Methyl-Seq PCR1 primer R	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Methyl-Seq PCR Master Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Methyl-Seq Library Prep Kit	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 Elution Buffer	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 and the container may burst.
SureSelect Indexing Block 1	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Methyl-Seq Block 3	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products : 10X 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 carbon monoxide
T4 DNA Ligase	Decomposition products may include the following materials: carbon dioxide carbon monoxide
T4 DNA Polymerase	Decomposition products may include the following materials: carbon dioxide carbon monoxide
T4 Polynucleotide Kinase	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides

Section 5. Firefighting measures

dNTP Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
10x Klenow Polymerase Buffer	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 carbon monoxide
dATP	No specific data.
SureSelect Methyl-Seq Methylated Adapter	No specific data.
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	Decomposition products may include the following materials: carbon dioxide carbon monoxide
SureSelect Methyl-Seq Library Prep Kit	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 materials: carbon dioxide carbon monoxide nitrogen oxides metal oxide/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 Elution Buffer	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 halogenated compounds

Section 5. Firefighting measures

SureSelect RNase Block	carbonyl halides Decomposition products may include the following materials: carbon dioxide carbon monoxide
SureSelect Indexing Block 1	Decomposition products may include the following materials: carbon dioxide carbon monoxide
SureSelect Methyl-Seq Block 3	No specific data.
Special protective actions for fire-fighters	
: 10X End Repair Buffer	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.
5X T4 DNA Ligase Buffer	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.
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 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 Buffer	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.
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 Methylated Adapter	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 Indexing Primer Common	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 PCR1 Primer F	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

Section 5. Firefighting measures

SureSelect Methyl-Seq PCR1 primer R	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.
SureSelect Methyl-Seq PCR Master 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.
SureSelect Methyl-Seq Library Prep Kit	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 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 Hyb 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 4	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 Binding Buffer	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 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 Elution Buffer	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.

Section 5. Firefighting measures

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 pressure mode.
	SureSelect Methyl-Seq Methylated Adapter	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 Indexing Primer Common	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 PCR1 Primer F	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 PCR1 primer R	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 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 Methyl-Seq Library Prep Kit	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 5. Firefighting measures

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 pressure mode.
SureSelect Wash Buffer 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 Elution 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 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 pressure mode.
SureSelect RNase Block	Fire-fighters should wear appropriate protective equipment and self-contained breathing 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	: 10X 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. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate

Section 6. Accidental release measures

	respirator when ventilation is inadequate. 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. 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. 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. Put on appropriate personal protective equipment.
T4 Polynucleotide Kinase	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.
dNTP Mix	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.
10x Klenow Polymerase 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.
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. 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 protective equipment.
SureSelect Methyl-Seq Methylated Adapter	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 Methyl-Seq Indexing Primer Common	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 Methyl-Seq	No action shall be taken involving any personal risk

Section 6. Accidental release measures

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 PCR1 primer R	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 Methyl-Seq PCR Master Mix	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 Methyl-Seq Library Prep Kit	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. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
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. Put on appropriate personal protective equipment.
SureSelect Hyb 4	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 Binding 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.
SureSelect Wash Buffer 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.
SureSelect Wash Buffer 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. Put on appropriate personal protective equipment.
SureSelect Elution Buffer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding

Section 6. Accidental release measures

	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.
SureSelect Block 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. Put on appropriate personal protective equipment.
SureSelect Hyb 3	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 RNase Block	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 Indexing Block 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.
SureSelect Methyl-Seq Block 3	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 information in "For non-emergency personnel".
5X T4 DNA Ligase 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 information in "For non-emergency personnel".
Klenow DNA Polymerase	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".
T4 DNA Ligase	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".
T4 DNA Polymerase	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".
T4 Polynucleotide Kinase	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".
dNTP 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

Section 6. Accidental release measures

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 information in "For non-emergency personnel".
Exo(-) Klenow	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".
dATP	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 Methylated Adapter	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 Indexing Primer Common	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".
SureSelect Methyl-Seq Library Prep Kit	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 Hyb 1	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 Hyb 2	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 Hyb 4	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 Binding 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 information in "For non-emergency personnel".
SureSelect Wash Buffer 1	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 Wash Buffer 2	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 Elution 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

Section 6. Accidental release measures

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 information in "For non-emergency personnel".
SureSelect Hyb 3	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 RNase Block	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 Indexing Block 1	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 Block 3	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, soil or air).
	5X T4 DNA Ligase 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).
	Klenow DNA Polymerase	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 DNA Ligase	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 DNA Polymerase	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, soil or air).
	10x Klenow Polymerase 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).
	Exo(-) Klenow	Avoid dispersal of spilt material and runoff and

Section 6. Accidental release measures

	contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
dATP	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 Methylated Adapter	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 Indexing Primer Common	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 PCR1 Primer F	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 PCR1 primer R	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 PCR Master 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, soil or air).
SureSelect Methyl-Seq Library Prep Kit	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 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,

Section 6. Accidental release measures

SureSelect Wash Buffer 2	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).
SureSelect Elution 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 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, 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 Block 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).

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.

Section 6. Accidental release measures

T4 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 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 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.
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 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 Methylated Adapter	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 Indexing Primer Common	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 PCR1 Primer F	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 PCR1 primer R	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 PCR Master 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

Section 6. Accidental release measures

	inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect Methyl-Seq Library Prep Kit	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 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 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 Wash Buffer 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 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 Elution Buffer	Stop leak if without risk. Move containers from spill area. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Absorb spillage to prevent material damage. 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.

Section 6. Accidental release measures

SureSelect RNase Block	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 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.

Section 7. Handling and storage

Precautions for safe handling

Protective measures

: 10X 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). 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.
Klenow DNA Polymerase	Put on appropriate personal protective equipment (see Section 8).
T4 DNA Ligase	Put on appropriate personal protective equipment (see Section 8).
T4 DNA Polymerase	Put on appropriate personal protective equipment (see Section 8).
T4 Polynucleotide Kinase	Put on appropriate personal protective equipment (see Section 8).
dNTP Mix	Put on appropriate personal protective equipment (see Section 8).
10x Klenow Polymerase Buffer	Put on appropriate personal protective equipment (see Section 8).
Exo(-) Klenow	Put on appropriate personal protective equipment (see Section 8).
dATP	Put on appropriate personal protective equipment (see Section 8).
SureSelect Methyl-Seq Methylated Adapter	Put on appropriate personal protective equipment (see Section 8).
SureSelect Methyl-Seq Indexing Primer Common	Put on appropriate personal protective equipment (see Section 8).
SureSelect Methyl-Seq PCR1 Primer F	Put on appropriate personal protective equipment (see Section 8).
SureSelect Methyl-Seq PCR1 primer R	Put on appropriate personal protective equipment (see Section 8).
SureSelect Methyl-Seq PCR Master Mix	Put on appropriate personal protective equipment (see Section 8).
SureSelect Methyl-Seq Library Prep Kit	Put on appropriate personal protective equipment (see Section 8).
SureSelect Hyb 1	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or

Section 7. Handling and storage

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.

SureSelect Hyb 2	Put on appropriate personal protective equipment (see Section 8).
SureSelect Hyb 4	Put on appropriate personal protective equipment (see Section 8).
SureSelect Binding Buffer	Put on appropriate personal protective equipment (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 (see Section 8).
SureSelect Elution Buffer	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. Keep away from acids. Empty containers retain product residue and can be hazardous. Do not reuse container. Absorb spillage to prevent material damage.
SureSelect Block 2	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).
SureSelect Indexing Block 1	Put on appropriate personal protective equipment (see Section 8).
SureSelect Methyl-Seq Block 3	Put on appropriate personal protective equipment (see Section 8).
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

Advice on general occupational hygiene

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.

Section 7. Handling and storage

	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 additional information on hygiene measures.
10x Klenow Polymerase 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.
Exo(-) Klenow	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.
dATP	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 Methyl-Seq Methylated Adapter	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 Methyl-Seq Indexing Primer Common	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 Methyl-Seq PCR1 Primer F	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 Methyl-Seq PCR1 primer R	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and

Section 7. Handling and storage

	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 Methyl-Seq PCR Master 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 additional information on hygiene measures.
SureSelect Methyl-Seq Library Prep Kit	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 additional information on hygiene measures.
SureSelect Binding 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.
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 additional information on hygiene measures.
SureSelect Elution Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and

Section 7. Handling and storage

SureSelect Block 2	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 additional information on hygiene measures.
SureSelect Indexing Block 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 Methyl-Seq Block 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.

Conditions for safe storage, including any incompatibilities : 10X End Repair 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.

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.

Klenow DNA Polymerase

Store in accordance with local regulations. Store in original container protected from direct sunlight in a

Section 7. Handling and storage

	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.
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.
T4 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.
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.
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.
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.
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

Section 7. Handling and storage

	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.
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.
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.
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.
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.
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.
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

Section 7. Handling and storage

SureSelect Methyl-Seq Library Prep Kit	<p>containers. Use appropriate containment to avoid environmental contamination.</p> <p>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.</p>
SureSelect Hyb 1	<p>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.</p>
SureSelect Hyb 2	<p>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.</p>
SureSelect Hyb 4	<p>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.</p>
SureSelect Binding Buffer	<p>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.</p>
SureSelect Wash Buffer 1	<p>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.</p>
SureSelect Wash Buffer 2	<p>Store in accordance with local regulations. Store in</p>

Section 7. Handling and storage

	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.
SureSelect Elution 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. Store in corrosive resistant container with a resistant inner liner. Separate from acids. 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.
SureSelect Block 2	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.
SureSelect Hyb 3	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.
SureSelect RNase Block	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.
SureSelect Indexing Block 1	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.
SureSelect Methyl-Seq Block 3	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from

Section 7. Handling and storage

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.

Section 8. Exposure controls and personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
5X T4 DNA Ligase Buffer Polyethylene glycol	TRGS900 AGW (Germany, 6/2016). PEAK: 8000 mg/m ³ 15 minutes. Form: Inhalable fraction TWA: 1000 mg/m ³ 8 hours. Form: Inhalable fraction
Klenow DNA Polymerase Glycerol	Safe Work Australia (Australia, 1/2014). TWA: 10 mg/m ³ 8 hours.
T4 DNA Ligase Glycerol	Safe Work Australia (Australia, 1/2014). TWA: 10 mg/m ³ 8 hours.
T4 DNA Polymerase Glycerol	Safe Work Australia (Australia, 1/2014). TWA: 10 mg/m ³ 8 hours.
T4 Polynucleotide Kinase Glycerol	Safe Work Australia (Australia, 1/2014). TWA: 10 mg/m ³ 8 hours.
Exo(-) Klenow Glycerol	Safe Work Australia (Australia, 1/2014). TWA: 10 mg/m ³ 8 hours.
SureSelect Methyl-Seq PCR Master Mix Glycerol	Safe Work Australia (Australia, 1/2014). TWA: 10 mg/m ³ 8 hours.
SureSelect RNase Block Glycerol	Safe Work Australia (Australia, 1/2014). TWA: 10 mg/m ³ 8 hours.
SureSelect Indexing Block 1 Glycerol	Safe Work Australia (Australia, 1/2014). TWA: 10 mg/m ³ 8 hours.

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.

Section 8. Exposure controls and personal protection

Individual protection measures

- 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.
- 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: safety glasses with side-shields.
- 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

Appearance

- Physical state** :
- | | |
|--|---------|
| 10X End Repair Buffer | Liquid. |
| 5X T4 DNA Ligase Buffer | Liquid. |
| Klenow DNA Polymerase | Liquid. |
| T4 DNA Ligase | Liquid. |
| T4 DNA Polymerase | Liquid. |
| T4 Polynucleotide Kinase | Liquid. |
| dNTP Mix | Liquid. |
| 10x Klenow Polymerase Buffer | Liquid. |
| Exo(-) Klenow | Liquid. |
| dATP | Liquid. |
| SureSelect Methyl-Seq Methylated Adapter | Liquid. |
| SureSelect Methyl-Seq Indexing Primer Common | Liquid. |
| SureSelect Methyl-Seq PCR1 Primer F | Liquid. |
| SureSelect Methyl-Seq PCR1 primer R | Liquid. |
| SureSelect Methyl-Seq PCR Master Mix | Liquid. |
| SureSelect Methyl-Seq Library Prep Kit | Liquid. |
| SureSelect Hyb 1 | Liquid. |
| SureSelect Hyb 2 | Liquid. |
| SureSelect Hyb 4 | Liquid. |
| SureSelect Binding Buffer | Liquid. |

Section 9. Physical and chemical properties

	SureSelect Wash Buffer 1	Liquid.
	SureSelect Wash Buffer 2	Liquid.
	SureSelect Elution Buffer	Liquid.
	SureSelect Block 2	Liquid.
	SureSelect Hyb 3	Liquid.
	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 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 Methyl-Seq Library Prep Kit	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 Elution Buffer	Not available.
	SureSelect Block 2	Colourless.
	SureSelect Hyb 3	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Indexing Block 1	Not available.
	SureSelect Methyl-Seq Block 3	Not available.
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 Indexing Primer Common	Not available.
	SureSelect Methyl-Seq PCR1 Primer F	Not available.

Section 9. Physical and chemical properties

	SureSelect Methyl-Seq PCR1 primer R	Not available.
	SureSelect Methyl-Seq PCR Master Mix	Not available.
	SureSelect Methyl-Seq Library Prep Kit	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 Elution Buffer	Not available.
	SureSelect Block 2	Odourless.
	SureSelect Hyb 3	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Indexing Block 1	Not available.
	SureSelect Methyl-Seq Block 3	Not available.
Odour threshold	: 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 Methyl-Seq Library Prep Kit	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 Elution Buffer	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.
pH	: 10X End Repair Buffer	7.5
	5X T4 DNA Ligase Buffer	7.5
	Klenow DNA Polymerase	7
	T4 DNA Ligase	7.4
	T4 DNA Polymerase	6.5
	T4 Polynucleotide Kinase	7.4
	dNTP Mix	7.5

Section 9. Physical and chemical properties

10x Klenow Polymerase	7.5
Buffer	
Exo(-) Klenow	7
dATP	Not available.
SureSelect Methyl-Seq	7.5
Methylated Adapter	
SureSelect Methyl-Seq	7.5
Indexing Primer Common	
SureSelect Methyl-Seq	7.5
PCR1 Primer F	
SureSelect Methyl-Seq	7.5
PCR1 primer R	
SureSelect Methyl-Seq PCR	8.8
Master Mix	
SureSelect Methyl-Seq	7
Library Prep Kit	
SureSelect Hyb 1	7.4
SureSelect Hyb 2	8
SureSelect Hyb 4	Not available.
SureSelect Binding Buffer	7.5
SureSelect Wash Buffer 1	7.5
SureSelect Wash Buffer 2	7
SureSelect Elution Buffer	12.2 to 13.4
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	
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	0°C (32°F)
10x Klenow Polymerase	Not available.
Buffer	
Exo(-) Klenow	Not available.
dATP	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)
PCR1 Primer F	
SureSelect Methyl-Seq	0°C (32°F)
PCR1 primer R	
SureSelect Methyl-Seq PCR	0°C (32°F)
Master Mix	
SureSelect Methyl-Seq	0°C (32°F)
Library Prep Kit	
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 Elution Buffer	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	0°C (32°F)

Melting point

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	0°C (32°F)
10x Klenow Polymerase	Not available.
Buffer	
Exo(-) Klenow	Not available.
dATP	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)
PCR1 Primer F	
SureSelect Methyl-Seq	0°C (32°F)
PCR1 primer R	
SureSelect Methyl-Seq PCR	0°C (32°F)
Master Mix	
SureSelect Methyl-Seq	0°C (32°F)
Library Prep Kit	
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 Elution Buffer	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	0°C (32°F)

Section 9. Physical and chemical properties

	SureSelect Methyl-Seq Block 3	0°C (32°F)
Boiling point	: 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	100°C (212°F)
	10x Klenow Polymerase Buffer	Not available.
	Exo(-) Klenow	Not available.
	dATP	100°C (212°F)
	SureSelect Methyl-Seq Methylated Adapter	100°C (212°F)
	SureSelect Methyl-Seq Indexing Primer Common	100°C (212°F)
	SureSelect Methyl-Seq PCR1 Primer F	100°C (212°F)
	SureSelect Methyl-Seq PCR1 primer R	100°C (212°F)
	SureSelect Methyl-Seq PCR Master Mix	100°C (212°F)
	SureSelect Methyl-Seq Library Prep Kit	100°C (212°F)
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Not available.
	SureSelect Hyb 4	100°C (212°F)
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	100°C (212°F)
	SureSelect Wash Buffer 2	100°C (212°F)
	SureSelect Elution Buffer	100°C (212°F)
	SureSelect Block 2	100°C (212°F)
	SureSelect Hyb 3	100°C (212°F)
	SureSelect RNase Block	Not available.
	SureSelect Indexing Block 1	100°C (212°F)
	SureSelect Methyl-Seq Block 3	100°C (212°F)
Flash point	: 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 Methyl-Seq Library Prep Kit	Not available.
	SureSelect Hyb 1	Not available.

Section 9. Physical and chemical properties

	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 Elution Buffer	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.
Evaporation rate	: 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 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 Methyl-Seq Library Prep Kit	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 Elution Buffer	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.
Flammability (solid, gas)	: 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 Buffer	Not applicable.
	Exo(-) Klenow dATP	Not applicable.
	SureSelect Methyl-Seq Methylated Adapter	Not applicable.
	SureSelect Methyl-Seq	Not applicable.

Section 9. Physical and chemical properties

	Indexing Primer Common	
	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 Methyl-Seq Library Prep Kit	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 Elution Buffer	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 Block 3	Not applicable.
Lower and upper explosive (flammable) limits	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 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 Methyl-Seq Library Prep Kit	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 Elution Buffer	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.

Section 9. Physical and chemical properties

Vapour pressure	:	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 Methyl-Seq Library Prep Kit	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 Elution Buffer	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.	
	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	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 Methyl-Seq Library Prep Kit	Not available.	
		SureSelect Hyb 1	Not available.	
		SureSelect Hyb 2	Not available.	
		SureSelect Hyb 4	Not available.	
		SureSelect Binding Buffer	Not available.	

Section 9. Physical and chemical properties

	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect Elution Buffer	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 Methyl-Seq Library Prep Kit	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 Elution Buffer	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.
Solubility	: 10X End Repair Buffer	Easily soluble in the following materials: cold water and hot water.
	5X T4 DNA Ligase Buffer	Easily soluble in the following materials: cold water and hot water.
	Klenow DNA Polymerase	Soluble in the following materials: cold water and hot water.
	T4 DNA Ligase	Soluble in the following materials: cold water and hot water.
	T4 DNA Polymerase	Soluble in the following materials: cold water and hot water.
	T4 Polynucleotide Kinase	Soluble in the following materials: cold water and hot water.
	dNTP Mix	Easily soluble in the following materials: cold water and hot water.
	10x Klenow Polymerase Buffer	Easily soluble in the following materials: cold water and hot water.
	Exo(-) Klenow	Not available.

Section 9. Physical and chemical properties

dATP	Easily soluble in the following materials: cold water and hot water.
SureSelect Methyl-Seq Methylated Adapter	Easily soluble in the following materials: cold water and hot water.
SureSelect Methyl-Seq Indexing Primer Common	Easily soluble in the following materials: cold water and hot water.
SureSelect Methyl-Seq PCR1 Primer F	Easily soluble in the following materials: cold water and hot water.
SureSelect Methyl-Seq PCR1 primer R	Easily soluble in the following materials: cold water and hot water.
SureSelect Methyl-Seq PCR Master Mix	Easily soluble in the following materials: cold water and hot water.
SureSelect Methyl-Seq Library Prep Kit	Easily soluble in the following materials: cold water and hot water.
SureSelect Hyb 1	Easily soluble in the following materials: cold water and hot water.
SureSelect Hyb 2	Easily soluble in the following materials: cold water and hot water.
SureSelect Hyb 4	Easily soluble in the following materials: cold water and hot water.
SureSelect Binding Buffer	Easily soluble in the following materials: cold water and hot water.
SureSelect Wash Buffer 1	Easily soluble in the following materials: cold water and hot water.
SureSelect Wash Buffer 2	Easily soluble in the following materials: cold water and hot water.
SureSelect Elution Buffer	Easily soluble in the following materials: cold water and hot water.
SureSelect Block 2	Easily soluble in the following materials: cold water and hot water.
SureSelect Hyb 3	Easily soluble in the following materials: cold water and hot water.
SureSelect RNase Block	Soluble in the following materials: cold water and hot water.
SureSelect Indexing Block 1	Easily soluble in the following materials: cold water and hot water.
SureSelect Methyl-Seq Block 3	Easily soluble in the following materials: cold water and hot water.
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 Methyl-Seq Library Prep Kit	Not available.
SureSelect Hyb 1	Not available.
SureSelect Hyb 2	Not available.

Partition coefficient: n-octanol/water

Section 9. Physical and chemical properties

	SureSelect Hyb 4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect Elution Buffer	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.
Auto-ignition temperature	: 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 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 Methyl-Seq Library Prep Kit	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 Elution Buffer	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.
Decomposition temperature	: 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 dATP	Not available.
	SureSelect Methyl-Seq Methylated Adapter	Not available.
	SureSelect Methyl-Seq Indexing Primer Common	Not available.

Section 9. Physical and chemical properties

	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 Methyl-Seq Library Prep Kit	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 Elution Buffer	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.
Viscosity	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 Methyl-Seq Library Prep Kit	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 Elution Buffer	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.

Section 10. Stability and reactivity

Reactivity	: 10X End Repair Buffer	No specific test data related to reactivity available for this product or its ingredients.
	5X T4 DNA Ligase Buffer	No specific test data related to reactivity available for this product or its ingredients.
	Klenow DNA Polymerase	No specific test data related to reactivity available for this product or its ingredients.
	T4 DNA Ligase	No specific test data related to reactivity available for this product or its ingredients.
	T4 DNA Polymerase	No specific test data related to reactivity available for this product or its ingredients.
	T4 Polynucleotide Kinase	No specific test data related to reactivity available for this product or its ingredients.
	dNTP Mix	No specific test data related to reactivity available for this product or its ingredients.
	10x Klenow Polymerase Buffer	No specific test data related to reactivity available for this product or its ingredients.
	Exo(-) Klenow	No specific test data related to reactivity available for this product or its ingredients.
	dATP	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect Methyl-Seq Methylated Adapter	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect Methyl-Seq Indexing Primer Common	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect Methyl-Seq PCR1 Primer F	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect Methyl-Seq PCR1 primer R	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect Methyl-Seq PCR Master Mix	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect Methyl-Seq Library Prep Kit	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect Hyb 1	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect Hyb 2	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect Hyb 4	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect Binding Buffer	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 its ingredients.
	SureSelect Wash Buffer 2	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect Elution Buffer	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect Block 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 RNase Block	No specific test data related to reactivity available for 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 Block 3	No specific test data related to reactivity available for this product or its ingredients.

Section 10. Stability and reactivity

SureSelect Methyl-Seq PCR1 primer R	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Methyl-Seq PCR Master Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Methyl-Seq Library Prep Kit	Under normal conditions of storage and use, 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	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Elution Buffer	Under normal conditions of storage and use, 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, hazardous reactions will not occur.
SureSelect Methyl-Seq Block 3	Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid

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 Buffer	No specific data.
Exo(-) Klenow dATP	No specific data.
SureSelect Methyl-Seq Methylated Adapter	No specific data.
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	No specific data.
SureSelect Methyl-Seq Library Prep Kit	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 Elution Buffer	No specific data.
SureSelect Block 2	No specific data.
SureSelect Hyb 3	No specific data.

Section 10. Stability and reactivity

SureSelect RNase Block No specific data.
 SureSelect Indexing Block 1 No specific data.
 SureSelect Methyl-Seq Block 3 No specific data.

Incompatible materials

: 10X End Repair Buffer May react or be incompatible with oxidising materials.
 5X T4 DNA Ligase Buffer May react or be incompatible with oxidising materials.
 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 PCR Master Mix May react or be incompatible with oxidising materials.
 SureSelect Methyl-Seq Library Prep Kit May react or be incompatible with oxidising materials.
 SureSelect Hyb 1 May react or be incompatible with oxidising materials.
 SureSelect Hyb 2 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 Elution Buffer Reactive or incompatible with the following materials:
 acids
 metals
 SureSelect Block 2 May react or be incompatible with oxidising materials.
 SureSelect Hyb 3 May react or be incompatible with oxidising materials.
 SureSelect RNase Block May react or be incompatible with oxidising materials.
 SureSelect Indexing Block 1 May react or be incompatible with oxidising materials.
 SureSelect Methyl-Seq 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,

Section 10. Stability and reactivity

	hazardous decomposition products should not be produced.
10x Klenow Polymerase Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Exo(-) Klenow	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 Indexing Primer Common	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Methyl-Seq PCR1 Primer F	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Methyl-Seq PCR1 primer R	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Methyl-Seq PCR Master Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Methyl-Seq Library Prep Kit	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, hazardous decomposition products should not be produced.
SureSelect Hyb 4	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Binding Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Wash Buffer 1	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Wash Buffer 2	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Elution Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Block 2	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Hyb 3	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect RNase Block	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Indexing Block 1	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Methyl-Seq	Under normal conditions of storage and use,

Section 10. Stability and reactivity

Block 3

hazardous decomposition products should not be produced.

Section 11. Toxicological information**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 1 Sodium chloride	LD50 Oral	Rat	3000 mg/kg	-
SureSelect RNase Block Glycerol	LD50 Oral	Rat	12600 mg/kg	-
SureSelect Indexing Block 1 Glycerol	LD50 Oral	Rat	12600 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
5X T4 DNA Ligase Buffer Polyethylene glycol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Eyes - Mild irritant	Rabbit	-	500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	500 milligrams	-
Klenow DNA Polymerase Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
T4 DNA Ligase Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-

Section 11. Toxicological information

T4 DNA Polymerase Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
T4 Polynucleotide Kinase Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
Exo(-) Klenow Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
SureSelect Methyl-Seq PCR Master Mix Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
SureSelect Hyb 1 Sodium chloride	Eyes - Moderate irritant	Rabbit	-	24 hours 100 milligrams	-
	Eyes - Moderate irritant	Rabbit	-	10 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
SureSelect RNase Block Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
SureSelect Indexing Block 1 Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-

Sensitisation

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Section 11. Toxicological information

Name	Category	Route of exposure	Target organs
5X T4 DNA Ligase Buffer 2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	Category 3	Not applicable.	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure

10X End Repair Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
5X T4 DNA Ligase Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
Klenow DNA Polymerase	Routes of entry anticipated: Oral, Dermal, Inhalation.
T4 DNA Ligase	Routes of entry anticipated: Oral, Dermal, Inhalation.
T4 DNA Polymerase	Routes of entry anticipated: Oral, Dermal, Inhalation.
T4 Polynucleotide Kinase	Routes of entry anticipated: Oral, Dermal, Inhalation.
dNTP Mix	Routes of entry anticipated: Oral, Dermal, Inhalation.
10x Klenow Polymerase Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
Exo(-) Klenow dATP	Routes of entry anticipated: Oral, Dermal, Inhalation. 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 Methyl-Seq Library Prep Kit	Not available.
SureSelect Hyb 1	Routes of entry anticipated: Oral, Dermal, Inhalation.
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 Elution Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
SureSelect Block 2	Not available.
SureSelect Hyb 3	Not available.
SureSelect RNase Block	Routes of entry anticipated: Oral, Dermal, Inhalation.
SureSelect Indexing Block 1	Routes of entry anticipated: Oral, Dermal, Inhalation.
SureSelect Methyl-Seq Block 3	Not available.

Potential acute health effects

Eye contact

10X End Repair Buffer	No known significant effects or critical hazards.
5X T4 DNA Ligase Buffer	Causes serious eye irritation.
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 dATP	No known significant effects or critical hazards.
SureSelect Methyl-Seq	No known significant effects or critical hazards.

Section 11. Toxicological information

	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 Methyl-Seq Library Prep Kit	No known significant effects or critical hazards.
	SureSelect Hyb 1	Causes serious eye irritation.
	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 Elution Buffer	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.
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.
	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 Methyl-Seq Library Prep Kit	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 Elution Buffer	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.

Section 11. Toxicological information

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 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 Methyl-Seq Library Prep Kit	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 Elution Buffer	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 Methyl-Seq Library Prep Kit	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.

Section 11. Toxicological information

SureSelect Wash Buffer 1	No known significant effects or critical hazards.
SureSelect Wash Buffer 2	No known significant effects or critical hazards.
SureSelect Elution Buffer	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

Eye contact

10X End Repair Buffer	No specific data.
5X T4 DNA Ligase Buffer	Adverse symptoms may include the following: pain or irritation watering redness
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 Buffer	No specific data.
Exo(-) Klenow	No specific data.
dATP	No specific data.
SureSelect Methyl-Seq Methylated Adapter	No specific data.
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	No specific data.
SureSelect Methyl-Seq Library Prep Kit	No specific data.
SureSelect Hyb 1	Adverse symptoms may include the following: pain or irritation watering redness
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 Elution Buffer	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.
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 Buffer	No specific data.
Exo(-) Klenow	No specific data.

Inhalation

Section 11. Toxicological information

dATP	No specific data.
SureSelect Methyl-Seq Methylated Adapter	No specific data.
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	No specific data.
SureSelect Methyl-Seq Library Prep Kit	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 Elution Buffer	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 Buffer	No specific data.
Exo(-) Klenow	No specific data.
dATP	No specific data.
SureSelect Methyl-Seq Methylated Adapter	No specific data.
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	No specific data.
SureSelect Methyl-Seq Library Prep Kit	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 Elution Buffer	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.

Section 11. Toxicological information

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 Buffer	No specific data.
		Exo(-) Klenow	No specific data.
		dATP	No specific data.
		SureSelect Methyl-Seq Methylated Adapter	No specific data.
		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	No specific data.
		SureSelect Methyl-Seq Library Prep Kit	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 Elution Buffer	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.

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 effects

Not available.

General	:	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	No known significant effects or critical hazards.

Section 11. Toxicological information

	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 Methyl-Seq Library Prep Kit	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 Elution Buffer	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.
Carcinogenicity	: 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 Methyl-Seq Library Prep Kit	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 Elution Buffer	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.

Section 11. Toxicological information

Mutagenicity	:	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 Methyl-Seq Library Prep Kit	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 Elution Buffer	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.	
Teratogenicity	:	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 Methyl-Seq Library Prep Kit	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.

Section 11. Toxicological information

	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect Elution Buffer	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.
Developmental effects	: 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 Methyl-Seq Library Prep Kit	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 Elution Buffer	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.
Fertility effects	: 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	No known significant effects or critical hazards.

Section 11. Toxicological information

PCR1 primer R	
SureSelect Methyl-Seq PCR Master Mix	No known significant effects or critical hazards.
SureSelect Methyl-Seq Library Prep Kit	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 Elution Buffer	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.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
10X End Repair Buffer Oral	32467.5 mg/kg
SureSelect Hyb 2 Oral	13698.6 mg/kg

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
5X T4 DNA Ligase Buffer Polyethylene glycol	Acute LC50 >1000000 µg/l Fresh water	Fish - Salmo salar - 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 1 Sodium chloride	Acute EC50 2430000 µg/l Fresh water Acute EC50 28.85 mg/dm ³ Fresh water	Algae - Navicula seminulum Algae - Pseudokirchneriella subcapitata	96 hours 72 hours

Section 12. Ecological information

	Acute EC50 519.6 mg/l Fresh water	Crustaceans - Cypris subglobosa	48 hours
	Acute IC50 6.87 g/L Fresh water	Aquatic plants - Lemna minor	96 hours
	Acute LC50 1661 mg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 1000000 µg/l Fresh water	Fish - Morone saxatilis - Larvae	96 hours
	Chronic LC10 781 mg/l Fresh water	Crustaceans - Hyalella azteca - Juvenile (Fledgling, Hatchling, Weanling)	3 weeks
	Chronic NOEC 6 g/L Fresh water	Aquatic plants - Lemna minor	96 hours
	Chronic NOEC 0.314 g/L Fresh water	Daphnia - Daphnia pulex	21 days
	Chronic NOEC 100 mg/l Fresh water	Fish - Gambusia holbrooki - Adult	8 weeks
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

Not available.

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
5X T4 DNA Ligase Buffer Polyethylene glycol	-	3.2	low
Klenow DNA Polymerase Glycerol	-1.76	-	low
T4 DNA Ligase 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 RNase Block Glycerol	-1.76	-	low
SureSelect Indexing Block 1 Glycerol	-1.76	-	low

Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

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 spill material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

Regulatory 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 Annex II of Marpol and the IBC Code : Not available.

Section 15. Regulatory information

Standard Uniform Schedule of Medicine and Poisons

6, 5

Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

Australia inventory (AICS) : Not determined.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol (Annexes A, B, C, E)

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.

International lists

National inventory

Canada : Not determined.
China : Not determined.
Europe : Not determined.
Japan : **Japan inventory (ENCS):** Not determined.
Japan inventory (ISHL): Not determined.
Malaysia : Not determined.

Section 15. Regulatory information

New Zealand	: Not determined.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: Not determined.
Turkey	: <input checked="" type="checkbox"/> Not determined.
United States	: <input checked="" type="checkbox"/> Not determined.

Section 16. Any other relevant information

History

Date of issue/Date of revision	: 31/01/2017
Date of previous issue	: 03/09/2015.
Version	: 2

Key to abbreviations

: ADG = Australian Dangerous Goods
: ATE = Acute Toxicity Estimate
: BCF = Bioconcentration Factor
: GHS = Globally Harmonized System of Classification and Labelling of Chemicals
: IATA = International Air Transport Association
: IBC = Intermediate 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)
: NOHSC = National Occupational Health and Safety Commission
: SUSMP = Standard Uniform Schedule of Medicine and Poisons
: UN = United Nations

Procedure used to derive the classification

Classification	Justification
<input checked="" type="checkbox"/> 5X T4 DNA Ligase Buffer Eye Irrit. 2A, H319	Expert judgment
SureSelect Hyb 1 Eye Irrit. 2A, H319	Calculation method
SureSelect Elution Buffer Met. Corr. 1, H290	Expert judgment

References : Not available.

Indicates information that has changed from previously issued version.

Notice to reader

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