

SAFETY DATA SHEET



SureSelect Methyl-Seq Library Prep Kit ILM - 16 Reactions, Part Number 5500-0128

Section 1. Identification

Product identifier	:	☑ SureSelect Methyl-Seq Library Prep Kit ILM - 16 Reactions, Part Number 5500-0128																																																														
Part No. (Chemical Kit)	:	5500-0128																																																														
Part No.	:	<table border="0"> <tr><td>☑ 10X End Repair Buffer</td><td>5190-4472</td></tr> <tr><td>5X T4 DNA Ligase Buffer</td><td>5190-4473</td></tr> <tr><td>Klenow DNA Polymerase</td><td>5190-4928</td></tr> <tr><td>T4 DNA Ligase</td><td>5190-4475</td></tr> <tr><td>T4 DNA Polymerase</td><td>5190-4927</td></tr> <tr><td>T4 Polynucleotide Kinase</td><td>5190-4929</td></tr> <tr><td>dNTP Mix</td><td>5190-4931</td></tr> <tr><td>10X Klenow Polymerase Buffer</td><td>5190-4474</td></tr> <tr><td>Exo(-) Klenow</td><td>5190-4926</td></tr> <tr><td>dATP</td><td>5190-4930</td></tr> <tr><td>SureSelect Methyl-Seq Methylated Adapter</td><td>5190-4965</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>5190-4966</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>5190-7910</td></tr> <tr><td>SureSelect 8bp Index A01</td><td>5190-7912</td></tr> <tr><td>SureSelect 8bp Index B01</td><td>5190-7913</td></tr> <tr><td>SureSelect 8bp Index C01</td><td>5190-7914</td></tr> <tr><td>SureSelect 8bp Index D01</td><td>5190-7915</td></tr> <tr><td>SureSelect 8bp Index E01</td><td>5190-7916</td></tr> <tr><td>SureSelect 8bp Index F01</td><td>5190-7917</td></tr> <tr><td>SureSelect 8bp Index G01</td><td>5190-7918</td></tr> <tr><td>SureSelect 8bp Index H01</td><td>5190-7919</td></tr> <tr><td>SureSelect 8bp Index A02</td><td>5190-7920</td></tr> <tr><td>SureSelect 8bp Index B02</td><td>5190-7921</td></tr> <tr><td>SureSelect 8bp Index C02</td><td>5190-7922</td></tr> <tr><td>SureSelect 8bp Index D02</td><td>5190-7923</td></tr> <tr><td>SureSelect 8bp Index E02</td><td>5190-7924</td></tr> <tr><td>SureSelect 8bp Index F02</td><td>5190-7925</td></tr> <tr><td>SureSelect 8bp Index G02</td><td>5190-7926</td></tr> <tr><td>SureSelect 8bp Index H02</td><td>5190-7927</td></tr> </table>	☑ 10X End Repair Buffer	5190-4472	5X T4 DNA Ligase Buffer	5190-4473	Klenow DNA Polymerase	5190-4928	T4 DNA Ligase	5190-4475	T4 DNA Polymerase	5190-4927	T4 Polynucleotide Kinase	5190-4929	dNTP Mix	5190-4931	10X Klenow Polymerase Buffer	5190-4474	Exo(-) Klenow	5190-4926	dATP	5190-4930	SureSelect Methyl-Seq Methylated Adapter	5190-4965	SureSelect Methyl-Seq Indexing Primer Common	5190-4973	SureSelect Methyl-Seq PCR1 primer F	5190-4966	SureSelect Methyl-Seq PCR1 primer R	5190-4972	SureSelect Methyl-Seq PCR Master Mix	5190-7910	SureSelect 8bp Index A01	5190-7912	SureSelect 8bp Index B01	5190-7913	SureSelect 8bp Index C01	5190-7914	SureSelect 8bp Index D01	5190-7915	SureSelect 8bp Index E01	5190-7916	SureSelect 8bp Index F01	5190-7917	SureSelect 8bp Index G01	5190-7918	SureSelect 8bp Index H01	5190-7919	SureSelect 8bp Index A02	5190-7920	SureSelect 8bp Index B02	5190-7921	SureSelect 8bp Index C02	5190-7922	SureSelect 8bp Index D02	5190-7923	SureSelect 8bp Index E02	5190-7924	SureSelect 8bp Index F02	5190-7925	SureSelect 8bp Index G02	5190-7926	SureSelect 8bp Index H02	5190-7927
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Relevant identified uses of the substance or mixture and uses advised against

Analytical reagent.

☑ 10X End Repair Buffer	0.18 ml (16 reactions)
5X T4 DNA Ligase Buffer	0.35 ml (16 reactions)
Klenow DNA Polymerase	0.036 ml (16 reactions)
T4 DNA Ligase	0.028 ml (16 reactions)
T4 DNA Polymerase	0.021 ml (16 reactions)
T4 Polynucleotide Kinase	0.04 ml (16 reactions)
dNTP Mix	0.032 ml (16 reactions)
10X Klenow Polymerase Buffer	0.088 ml (16 reactions)
Exo(-) Klenow	0.053 ml (16 reactions)
dATP	0.02 ml (16 reactions)
SureSelect Methyl-Seq Methylated Adapter	0.088 ml (16 reactions)
SureSelect Methyl-Seq Indexing Primer Common	0.05 ml (96 reactions)
SureSelect Methyl-Seq PCR1 primer F	0.066 ml (16 reactions)
SureSelect Methyl-Seq PCR1 primer R	0.05 ml (16 reactions)
SureSelect Methyl-Seq PCR Master Mix	1.32 ml (16 reactions)
SureSelect 8bp Index A01	0.0125 ml (2 reactions)
SureSelect 8bp Index B01	0.0125 ml (2 reactions)
SureSelect 8bp Index C01	0.0125 ml (2 reactions)

Section 1. Identification

SureSelect 8bp Index D01	0.0125 ml (2 reactions)
SureSelect 8bp Index E01	0.0125 ml (2 reactions)
SureSelect 8bp Index F01	0.0125 ml (2 reactions)
SureSelect 8bp Index G01	0.0125 ml (2 reactions)
SureSelect 8bp Index H01	0.0125 ml (2 reactions)
SureSelect 8bp Index A02	0.0125 ml (2 reactions)
SureSelect 8bp Index B02	0.0125 ml (2 reactions)
SureSelect 8bp Index C02	0.0125 ml (2 reactions)
SureSelect 8bp Index D02	0.0125 ml (2 reactions)
SureSelect 8bp Index E02	0.0125 ml (2 reactions)
SureSelect 8bp Index F02	0.0125 ml (2 reactions)
SureSelect 8bp Index G02	0.0125 ml (2 reactions)
SureSelect 8bp Index H02	0.0125 ml (2 reactions)

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

Not classified.

10X End Repair Buffer	Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 10 - 30% Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 10 - 30% Percentage of the mixture consisting of ingredient(s) of unknown oral toxicity: 1 - 10%
5X T4 DNA Ligase Buffer	Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 1 - 10% Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 1 - 10% Percentage of the mixture consisting of ingredient(s) of unknown oral toxicity: 1 - 10%
Klenow DNA Polymerase	Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 30 - 60%
T4 DNA Ligase	Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 30 - 60%
T4 DNA Polymerase	Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 30 - 60%
T4 Polynucleotide Kinase	Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 30 - 60%
dNTP Mix	Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 1 - 10% Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 1 - 10% Percentage of the mixture consisting of ingredient(s) of unknown oral toxicity: 1 - 10%
10X Klenow Polymerase Buffer	Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 1 - 10% Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 1 - 10% Percentage of the mixture consisting of ingredient(s) of unknown oral toxicity: 1 - 10%
Exo(-) Klenow	Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 30 - 60%

Section 2. Hazard(s) identification

SureSelect Methyl-Seq PCR Master Mix	Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 1 - 10%
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%
dNTP Mix	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 4.8%
10X Klenow Polymerase Buffer	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 7.9%

GHS label elements

Signal word

: 10X End Repair Buffer	No signal word.
5X T4 DNA Ligase Buffer	No signal word.
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 8bp Index A01	No signal word.
SureSelect 8bp Index B01	No signal word.
SureSelect 8bp Index C01	No signal word.
SureSelect 8bp Index D01	No signal word.
SureSelect 8bp Index E01	No signal word.
SureSelect 8bp Index F01	No signal word.
SureSelect 8bp Index G01	No signal word.
SureSelect 8bp Index H01	No signal word.
SureSelect 8bp Index A02	No signal word.
SureSelect 8bp Index B02	No signal word.
SureSelect 8bp Index C02	No signal word.
SureSelect 8bp Index D02	No signal word.
SureSelect 8bp Index E02	No signal word.
SureSelect 8bp Index F02	No signal word.
SureSelect 8bp Index G02	No signal word.
SureSelect 8bp Index H02	No signal word.

Hazard statements

: 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.

Section 2. Hazard(s) identification

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 8bp Index A01	No known significant effects or critical hazards.
SureSelect 8bp Index B01	No known significant effects or critical hazards.
SureSelect 8bp Index C01	No known significant effects or critical hazards.
SureSelect 8bp Index D01	No known significant effects or critical hazards.
SureSelect 8bp Index E01	No known significant effects or critical hazards.
SureSelect 8bp Index F01	No known significant effects or critical hazards.
SureSelect 8bp Index G01	No known significant effects or critical hazards.
SureSelect 8bp Index H01	No known significant effects or critical hazards.
SureSelect 8bp Index A02	No known significant effects or critical hazards.
SureSelect 8bp Index B02	No known significant effects or critical hazards.
SureSelect 8bp Index C02	No known significant effects or critical hazards.
SureSelect 8bp Index D02	No known significant effects or critical hazards.
SureSelect 8bp Index E02	No known significant effects or critical hazards.
SureSelect 8bp Index F02	No known significant effects or critical hazards.
SureSelect 8bp Index G02	No known significant effects or critical hazards.
SureSelect 8bp Index H02	No known significant effects or critical hazards.

Precautionary statements

Prevention

: 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 8bp Index A01	Not applicable.
SureSelect 8bp Index B01	Not applicable.
SureSelect 8bp Index C01	Not applicable.
SureSelect 8bp Index D01	Not applicable.
SureSelect 8bp Index E01	Not applicable.
SureSelect 8bp Index F01	Not applicable.
SureSelect 8bp Index G01	Not applicable.
SureSelect 8bp Index H01	Not applicable.
SureSelect 8bp Index A02	Not applicable.
SureSelect 8bp Index B02	Not applicable.
SureSelect 8bp Index C02	Not applicable.
SureSelect 8bp Index D02	Not applicable.
SureSelect 8bp Index E02	Not applicable.
SureSelect 8bp Index F02	Not applicable.
SureSelect 8bp Index G02	Not applicable.
SureSelect 8bp Index H02	Not applicable.

Section 2. Hazard(s) identification

Response	:	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	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 8bp Index A01	Not applicable.	
		SureSelect 8bp Index B01	Not applicable.	
		SureSelect 8bp Index C01	Not applicable.	
		SureSelect 8bp Index D01	Not applicable.	
		SureSelect 8bp Index E01	Not applicable.	
		SureSelect 8bp Index F01	Not applicable.	
		SureSelect 8bp Index G01	Not applicable.	
		SureSelect 8bp Index H01	Not applicable.	
		SureSelect 8bp Index A02	Not applicable.	
		SureSelect 8bp Index B02	Not applicable.	
		SureSelect 8bp Index C02	Not applicable.	
		SureSelect 8bp Index D02	Not applicable.	
		SureSelect 8bp Index E02	Not applicable.	
		SureSelect 8bp Index F02	Not applicable.	
		SureSelect 8bp Index G02	Not applicable.	
		SureSelect 8bp Index H02	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	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 8bp Index A01	Not applicable.	
		SureSelect 8bp Index B01	Not applicable.	
		SureSelect 8bp Index C01	Not applicable.	
		SureSelect 8bp Index D01	Not applicable.	
		SureSelect 8bp Index E01	Not applicable.	

Section 2. Hazard(s) identification

	SureSelect 8bp Index F01	Not applicable.
	SureSelect 8bp Index G01	Not applicable.
	SureSelect 8bp Index H01	Not applicable.
	SureSelect 8bp Index A02	Not applicable.
	SureSelect 8bp Index B02	Not applicable.
	SureSelect 8bp Index C02	Not applicable.
	SureSelect 8bp Index D02	Not applicable.
	SureSelect 8bp Index E02	Not applicable.
	SureSelect 8bp Index F02	Not applicable.
	SureSelect 8bp Index G02	Not applicable.
	SureSelect 8bp Index H02	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	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 8bp Index A01	Not applicable.
	SureSelect 8bp Index B01	Not applicable.
	SureSelect 8bp Index C01	Not applicable.
	SureSelect 8bp Index D01	Not applicable.
	SureSelect 8bp Index E01	Not applicable.
	SureSelect 8bp Index F01	Not applicable.
	SureSelect 8bp Index G01	Not applicable.
	SureSelect 8bp Index H01	Not applicable.
	SureSelect 8bp Index A02	Not applicable.
	SureSelect 8bp Index B02	Not applicable.
	SureSelect 8bp Index C02	Not applicable.
	SureSelect 8bp Index D02	Not applicable.
	SureSelect 8bp Index E02	Not applicable.
	SureSelect 8bp Index F02	Not applicable.
	SureSelect 8bp Index G02	Not applicable.
	SureSelect 8bp Index H02	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.
	Exo(-) Klenow	Not applicable.
	dATP	Not applicable.
	SureSelect Methyl-Seq Methylated Adapter	Not applicable.
	SureSelect Methyl-Seq Indexing Primer Common	Not applicable.

Section 2. Hazard(s) identification

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 8bp Index A01	Not applicable.
SureSelect 8bp Index B01	Not applicable.
SureSelect 8bp Index C01	Not applicable.
SureSelect 8bp Index D01	Not applicable.
SureSelect 8bp Index E01	Not applicable.
SureSelect 8bp Index F01	Not applicable.
SureSelect 8bp Index G01	Not applicable.
SureSelect 8bp Index H01	Not applicable.
SureSelect 8bp Index A02	Not applicable.
SureSelect 8bp Index B02	Not applicable.
SureSelect 8bp Index C02	Not applicable.
SureSelect 8bp Index D02	Not applicable.
SureSelect 8bp Index E02	Not applicable.
SureSelect 8bp Index F02	Not applicable.
SureSelect 8bp Index G02	Not applicable.
SureSelect 8bp Index H02	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 8bp Index A01	None known.
	SureSelect 8bp Index B01	None known.
	SureSelect 8bp Index C01	None known.
	SureSelect 8bp Index D01	None known.
	SureSelect 8bp Index E01	None known.
	SureSelect 8bp Index F01	None known.
	SureSelect 8bp Index G01	None known.
	SureSelect 8bp Index H01	None known.
	SureSelect 8bp Index A02	None known.
	SureSelect 8bp Index B02	None known.
	SureSelect 8bp Index C02	None known.
	SureSelect 8bp Index D02	None known.
	SureSelect 8bp Index E02	None known.
	SureSelect 8bp Index F02	None known.
	SureSelect 8bp Index G02	None known.
	SureSelect 8bp Index H02	None known.

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 8bp Index A01	Mixture
		SureSelect 8bp Index B01	Mixture
		SureSelect 8bp Index C01	Mixture
		SureSelect 8bp Index D01	Mixture
		SureSelect 8bp Index E01	Mixture
		SureSelect 8bp Index F01	Mixture
		SureSelect 8bp Index G01	Mixture
		SureSelect 8bp Index H01	Mixture
		SureSelect 8bp Index A02	Mixture
		SureSelect 8bp Index B02	Mixture
		SureSelect 8bp Index C02	Mixture
		SureSelect 8bp Index D02	Mixture
		SureSelect 8bp Index E02	Mixture
		SureSelect 8bp Index F02	Mixture
		SureSelect 8bp Index G02	Mixture
		SureSelect 8bp Index H02	Mixture

CAS number/other identifiers

Ingredient name	% (w/w)	CAS number
5X T4 DNA Ligase Buffer Polyethylene glycol	≥10 - ≤30	25322-68-3
Klenow DNA Polymerase Glycerol	≥30 - ≤60	56-81-5
T4 DNA Ligase Glycerol	≥30 - ≤60	56-81-5
T4 DNA Polymerase Glycerol	≥30 - ≤60	56-81-5
T4 Polynucleotide Kinase Glycerol	≥30 - ≤60	56-81-5
Exo(-) Klenow Glycerol	≥30 - ≤60	56-81-5
SureSelect Methyl-Seq PCR Master Mix Glycerol	≤10	56-81-5

Section 3. Composition and ingredient information

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. Get medical attention if irritation occurs.
	Klenow DNA Polymerase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. 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 medical attention if irritation occurs.
	SureSelect Methyl-Seq Indexing Primer Common	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

Section 4. First aid measures

SureSelect Methyl-Seq PCR Master Mix	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 8bp Index A01	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 8bp Index B01	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 8bp Index C01	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 8bp Index D01	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 8bp Index E01	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 8bp Index F01	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 8bp Index G01	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 8bp Index H01	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 8bp Index A02	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 8bp Index B02	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 8bp Index C02	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 8bp Index D02	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 8bp Index E02	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 8bp Index F02	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 8bp Index G02	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.

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Inhalation

SureSelect 8bp Index H02

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. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Klenow DNA Polymerase

Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.

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 attention if symptoms occur.

SureSelect Methyl-Seq Indexing Primer Common

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

SureSelect Methyl-Seq PCR1 primer F

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

SureSelect Methyl-Seq PCR1 primer R

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

SureSelect Methyl-Seq PCR Master Mix

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

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SureSelect 8bp Index A01	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect 8bp Index B01	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect 8bp Index C01	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect 8bp Index D01	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect 8bp Index E01	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect 8bp Index F01	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect 8bp Index G01	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect 8bp Index H01	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect 8bp Index A02	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect 8bp Index B02	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect 8bp Index C02	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect 8bp Index D02	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect 8bp Index E02	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect 8bp Index F02	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect 8bp Index G02	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect 8bp Index H02	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	
: 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.
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.

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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 8bp Index A01	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect 8bp Index B01	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect 8bp Index C01	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect 8bp Index D01	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect 8bp Index E01	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect 8bp Index F01	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect 8bp Index G01	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect 8bp Index H01	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect 8bp Index A02	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect 8bp Index B02	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect 8bp Index C02	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect 8bp Index D02	Flush contaminated skin with plenty of water.

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		Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect 8bp Index E02	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect 8bp Index F02	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect 8bp Index G02	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect 8bp Index H02	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 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.
	Klenow 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 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.

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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 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 8bp Index A01	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 8bp Index B01	Wash out mouth with water. Remove victim to fresh

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	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 8bp Index C01	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 8bp Index D01	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 8bp Index E01	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 8bp Index F01	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 8bp Index G01	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 8bp Index H01	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 8bp Index A02	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 8bp Index B02	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 8bp Index C02	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for

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SureSelect 8bp Index D02	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. 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 8bp Index E02	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 8bp Index F02	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 8bp Index G02	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 8bp Index H02	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	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.

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	SureSelect Methyl-Seq PCR Master Mix	No known significant effects or critical hazards.
	SureSelect 8bp Index A01	No known significant effects or critical hazards.
	SureSelect 8bp Index B01	No known significant effects or critical hazards.
	SureSelect 8bp Index C01	No known significant effects or critical hazards.
	SureSelect 8bp Index D01	No known significant effects or critical hazards.
	SureSelect 8bp Index E01	No known significant effects or critical hazards.
	SureSelect 8bp Index F01	No known significant effects or critical hazards.
	SureSelect 8bp Index G01	No known significant effects or critical hazards.
	SureSelect 8bp Index H01	No known significant effects or critical hazards.
	SureSelect 8bp Index A02	No known significant effects or critical hazards.
	SureSelect 8bp Index B02	No known significant effects or critical hazards.
	SureSelect 8bp Index C02	No known significant effects or critical hazards.
	SureSelect 8bp Index D02	No known significant effects or critical hazards.
	SureSelect 8bp Index E02	No known significant effects or critical hazards.
	SureSelect 8bp Index F02	No known significant effects or critical hazards.
	SureSelect 8bp Index G02	No known significant effects or critical hazards.
	SureSelect 8bp Index H02	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 8bp Index A01	No known significant effects or critical hazards.
	SureSelect 8bp Index B01	No known significant effects or critical hazards.
	SureSelect 8bp Index C01	No known significant effects or critical hazards.
	SureSelect 8bp Index D01	No known significant effects or critical hazards.
	SureSelect 8bp Index E01	No known significant effects or critical hazards.
	SureSelect 8bp Index F01	No known significant effects or critical hazards.
	SureSelect 8bp Index G01	No known significant effects or critical hazards.
	SureSelect 8bp Index H01	No known significant effects or critical hazards.
	SureSelect 8bp Index A02	No known significant effects or critical hazards.
	SureSelect 8bp Index B02	No known significant effects or critical hazards.
	SureSelect 8bp Index C02	No known significant effects or critical hazards.
	SureSelect 8bp Index D02	No known significant effects or critical hazards.
	SureSelect 8bp Index E02	No known significant effects or critical hazards.
	SureSelect 8bp Index F02	No known significant effects or critical hazards.
	SureSelect 8bp Index G02	No known significant effects or critical hazards.
	SureSelect 8bp Index H02	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	No known significant effects or critical hazards.

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	Buffer	
	Exo(-) Klenow	No known significant effects or critical hazards.
	dATP	No known significant effects or critical hazards.
	SureSelect Methyl-Seq Methylated Adapter	No known significant effects or critical hazards.
	SureSelect Methyl-Seq Indexing Primer Common	No known significant effects or critical hazards.
	SureSelect Methyl-Seq PCR1 primer F	No known significant effects or critical hazards.
	SureSelect Methyl-Seq PCR1 primer R	No known significant effects or critical hazards.
	SureSelect Methyl-Seq PCR Master Mix	No known significant effects or critical hazards.
	SureSelect 8bp Index A01	No known significant effects or critical hazards.
	SureSelect 8bp Index B01	No known significant effects or critical hazards.
	SureSelect 8bp Index C01	No known significant effects or critical hazards.
	SureSelect 8bp Index D01	No known significant effects or critical hazards.
	SureSelect 8bp Index E01	No known significant effects or critical hazards.
	SureSelect 8bp Index F01	No known significant effects or critical hazards.
	SureSelect 8bp Index G01	No known significant effects or critical hazards.
	SureSelect 8bp Index H01	No known significant effects or critical hazards.
	SureSelect 8bp Index A02	No known significant effects or critical hazards.
	SureSelect 8bp Index B02	No known significant effects or critical hazards.
	SureSelect 8bp Index C02	No known significant effects or critical hazards.
	SureSelect 8bp Index D02	No known significant effects or critical hazards.
	SureSelect 8bp Index E02	No known significant effects or critical hazards.
	SureSelect 8bp Index F02	No known significant effects or critical hazards.
	SureSelect 8bp Index G02	No known significant effects or critical hazards.
	SureSelect 8bp Index H02	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 8bp Index A01	No known significant effects or critical hazards.
	SureSelect 8bp Index B01	No known significant effects or critical hazards.
	SureSelect 8bp Index C01	No known significant effects or critical hazards.
	SureSelect 8bp Index D01	No known significant effects or critical hazards.
	SureSelect 8bp Index E01	No known significant effects or critical hazards.
	SureSelect 8bp Index F01	No known significant effects or critical hazards.
	SureSelect 8bp Index G01	No known significant effects or critical hazards.
	SureSelect 8bp Index H01	No known significant effects or critical hazards.
	SureSelect 8bp Index A02	No known significant effects or critical hazards.
	SureSelect 8bp Index B02	No known significant effects or critical hazards.
	SureSelect 8bp Index C02	No known significant effects or critical hazards.
	SureSelect 8bp Index D02	No known significant effects or critical hazards.
	SureSelect 8bp Index E02	No known significant effects or critical hazards.
	SureSelect 8bp Index F02	No known significant effects or critical hazards.

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SureSelect 8bp Index G02 No known significant effects or critical hazards.
 SureSelect 8bp Index H02 No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye 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 8bp Index A01 No specific data.
 SureSelect 8bp Index B01 No specific data.
 SureSelect 8bp Index C01 No specific data.
 SureSelect 8bp Index D01 No specific data.
 SureSelect 8bp Index E01 No specific data.
 SureSelect 8bp Index F01 No specific data.
 SureSelect 8bp Index G01 No specific data.
 SureSelect 8bp Index H01 No specific data.
 SureSelect 8bp Index A02 No specific data.
 SureSelect 8bp Index B02 No specific data.
 SureSelect 8bp Index C02 No specific data.
 SureSelect 8bp Index D02 No specific data.
 SureSelect 8bp Index E02 No specific data.
 SureSelect 8bp Index F02 No specific data.
 SureSelect 8bp Index G02 No specific data.
 SureSelect 8bp Index H02 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 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 8bp Index A01 No specific data.
 SureSelect 8bp Index B01 No specific data.

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	SureSelect 8bp Index C01	No specific data.
	SureSelect 8bp Index D01	No specific data.
	SureSelect 8bp Index E01	No specific data.
	SureSelect 8bp Index F01	No specific data.
	SureSelect 8bp Index G01	No specific data.
	SureSelect 8bp Index H01	No specific data.
	SureSelect 8bp Index A02	No specific data.
	SureSelect 8bp Index B02	No specific data.
	SureSelect 8bp Index C02	No specific data.
	SureSelect 8bp Index D02	No specific data.
	SureSelect 8bp Index E02	No specific data.
	SureSelect 8bp Index F02	No specific data.
	SureSelect 8bp Index G02	No specific data.
	SureSelect 8bp Index H02	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 8bp Index A01	No specific data.
	SureSelect 8bp Index B01	No specific data.
	SureSelect 8bp Index C01	No specific data.
	SureSelect 8bp Index D01	No specific data.
	SureSelect 8bp Index E01	No specific data.
	SureSelect 8bp Index F01	No specific data.
	SureSelect 8bp Index G01	No specific data.
	SureSelect 8bp Index H01	No specific data.
	SureSelect 8bp Index A02	No specific data.
	SureSelect 8bp Index B02	No specific data.
	SureSelect 8bp Index C02	No specific data.
	SureSelect 8bp Index D02	No specific data.
SureSelect 8bp Index E02	No specific data.	
SureSelect 8bp Index F02	No specific data.	
SureSelect 8bp Index G02	No specific data.	
SureSelect 8bp Index H02	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	No specific data.
	dATP	No specific data.
	SureSelect Methyl-Seq	No specific data.

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Methylated Adapter	
SureSelect Methyl-Seq Indexing Primer Common	No specific data.
SureSelect Methyl-Seq PCR1 primer F	No specific data.
SureSelect Methyl-Seq PCR1 primer R	No specific data.
SureSelect Methyl-Seq PCR Master Mix	No specific data.
SureSelect 8bp Index A01	No specific data.
SureSelect 8bp Index B01	No specific data.
SureSelect 8bp Index C01	No specific data.
SureSelect 8bp Index D01	No specific data.
SureSelect 8bp Index E01	No specific data.
SureSelect 8bp Index F01	No specific data.
SureSelect 8bp Index G01	No specific data.
SureSelect 8bp Index H01	No specific data.
SureSelect 8bp Index A02	No specific data.
SureSelect 8bp Index B02	No specific data.
SureSelect 8bp Index C02	No specific data.
SureSelect 8bp Index D02	No specific data.
SureSelect 8bp Index E02	No specific data.
SureSelect 8bp Index F02	No specific data.
SureSelect 8bp Index G02	No specific data.
SureSelect 8bp Index H02	No specific data.

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

Notes to physician	:	10X End Repair Buffer	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
		5X T4 DNA Ligase Buffer	In case of inhalation of decomposition products in a 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	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		dNTP Mix	In case of inhalation of decomposition products in a 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

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SureSelect Methyl-Seq Indexing Primer Common	ingested or inhaled. 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 8bp Index A01	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect 8bp Index B01	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect 8bp Index C01	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect 8bp Index D01	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect 8bp Index E01	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect 8bp Index F01	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect 8bp Index G01	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect 8bp Index H01	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect 8bp Index A02	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect 8bp Index B02	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect 8bp Index C02	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect 8bp Index D02	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect 8bp Index E02	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect 8bp Index F02	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect 8bp Index G02	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect 8bp Index H02	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Section 4. First aid measures

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 8bp Index A01	No specific treatment.
	SureSelect 8bp Index B01	No specific treatment.
	SureSelect 8bp Index C01	No specific treatment.
	SureSelect 8bp Index D01	No specific treatment.
	SureSelect 8bp Index E01	No specific treatment.
	SureSelect 8bp Index F01	No specific treatment.
	SureSelect 8bp Index G01	No specific treatment.
	SureSelect 8bp Index H01	No specific treatment.
	SureSelect 8bp Index A02	No specific treatment.
	SureSelect 8bp Index B02	No specific treatment.
	SureSelect 8bp Index C02	No specific treatment.
	SureSelect 8bp Index D02	No specific treatment.
	SureSelect 8bp Index E02	No specific treatment.
	SureSelect 8bp Index F02	No specific treatment.
	SureSelect 8bp Index G02	No specific treatment.
	SureSelect 8bp Index H02	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.
	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.

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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 8bp Index A01	No action shall be taken involving any personal risk or without suitable training.
SureSelect 8bp Index B01	No action shall be taken involving any personal risk or without suitable training.
SureSelect 8bp Index C01	No action shall be taken involving any personal risk or without suitable training.
SureSelect 8bp Index D01	No action shall be taken involving any personal risk or without suitable training.
SureSelect 8bp Index E01	No action shall be taken involving any personal risk or without suitable training.
SureSelect 8bp Index F01	No action shall be taken involving any personal risk or without suitable training.
SureSelect 8bp Index G01	No action shall be taken involving any personal risk or without suitable training.
SureSelect 8bp Index H01	No action shall be taken involving any personal risk or without suitable training.
SureSelect 8bp Index A02	No action shall be taken involving any personal risk or without suitable training.
SureSelect 8bp Index B02	No action shall be taken involving any personal risk or without suitable training.
SureSelect 8bp Index C02	No action shall be taken involving any personal risk or without suitable training.
SureSelect 8bp Index D02	No action shall be taken involving any personal risk or without suitable training.
SureSelect 8bp Index E02	No action shall be taken involving any personal risk or without suitable training.
SureSelect 8bp Index F02	No action shall be taken involving any personal risk or without suitable training.
SureSelect 8bp Index G02	No action shall be taken involving any personal risk or without suitable training.
SureSelect 8bp Index H02	No action shall be taken involving any personal risk 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	Use an extinguishing agent suitable for the surrounding fire.

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Methylated Adapter	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 8bp Index A01	Use an extinguishing agent suitable for the surrounding fire.
SureSelect 8bp Index B01	Use an extinguishing agent suitable for the surrounding fire.
SureSelect 8bp Index C01	Use an extinguishing agent suitable for the surrounding fire.
SureSelect 8bp Index D01	Use an extinguishing agent suitable for the surrounding fire.
SureSelect 8bp Index E01	Use an extinguishing agent suitable for the surrounding fire.
SureSelect 8bp Index F01	Use an extinguishing agent suitable for the surrounding fire.
SureSelect 8bp Index G01	Use an extinguishing agent suitable for the surrounding fire.
SureSelect 8bp Index H01	Use an extinguishing agent suitable for the surrounding fire.
SureSelect 8bp Index A02	Use an extinguishing agent suitable for the surrounding fire.
SureSelect 8bp Index B02	Use an extinguishing agent suitable for the surrounding fire.
SureSelect 8bp Index C02	Use an extinguishing agent suitable for the surrounding fire.
SureSelect 8bp Index D02	Use an extinguishing agent suitable for the surrounding fire.
SureSelect 8bp Index E02	Use an extinguishing agent suitable for the surrounding fire.
SureSelect 8bp Index F02	Use an extinguishing agent suitable for the surrounding fire.
SureSelect 8bp Index G02	Use an extinguishing agent suitable for the surrounding fire.
SureSelect 8bp Index H02	Use an extinguishing agent suitable for the surrounding fire.
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 8bp Index A01	None known.

Section 5. Firefighting measures

SureSelect 8bp Index B01	None known.
SureSelect 8bp Index C01	None known.
SureSelect 8bp Index D01	None known.
SureSelect 8bp Index E01	None known.
SureSelect 8bp Index F01	None known.
SureSelect 8bp Index G01	None known.
SureSelect 8bp Index H01	None known.
SureSelect 8bp Index A02	None known.
SureSelect 8bp Index B02	None known.
SureSelect 8bp Index C02	None known.
SureSelect 8bp Index D02	None known.
SureSelect 8bp Index E02	None known.
SureSelect 8bp Index F02	None known.
SureSelect 8bp Index G02	None known.
SureSelect 8bp Index H02	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.
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 8bp Index A01	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect 8bp Index B01	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect 8bp Index C01	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect 8bp Index D01	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect 8bp Index E01	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect 8bp Index F01	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect 8bp Index G01	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect 8bp Index H01	In a fire or if heated, a pressure increase will occur and the container may burst.

Section 5. Firefighting measures

	SureSelect 8bp Index A02	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect 8bp Index B02	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect 8bp Index C02	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect 8bp Index D02	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect 8bp Index E02	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect 8bp Index F02	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect 8bp Index G02	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect 8bp Index H02	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
	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:

Section 5. Firefighting measures

dATP	carbon dioxide
SureSelect Methyl-Seq Methylated Adapter	carbon monoxide
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 8bp Index A01	No specific data.
SureSelect 8bp Index B01	No specific data.
SureSelect 8bp Index C01	No specific data.
SureSelect 8bp Index D01	No specific data.
SureSelect 8bp Index E01	No specific data.
SureSelect 8bp Index F01	No specific data.
SureSelect 8bp Index G01	No specific data.
SureSelect 8bp Index H01	No specific data.
SureSelect 8bp Index A02	No specific data.
SureSelect 8bp Index B02	No specific data.
SureSelect 8bp Index C02	No specific data.
SureSelect 8bp Index D02	No specific data.
SureSelect 8bp Index E02	No specific data.
SureSelect 8bp Index F02	No specific data.
SureSelect 8bp Index G02	No specific data.
SureSelect 8bp Index H02	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

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Exo(-) Klenow	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.
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 without suitable training.
SureSelect Methyl-Seq PCR1 primer R	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 8bp Index A01	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 8bp Index B01	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 8bp Index C01	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 8bp Index D01	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 8bp Index E01	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 8bp Index F01	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 8bp Index G01	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 8bp Index H01	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 8bp Index A02	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No

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		action shall be taken involving any personal risk or without suitable training.
	SureSelect 8bp Index B02	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 8bp Index C02	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 8bp Index D02	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 8bp Index E02	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 8bp Index F02	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 8bp Index G02	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 8bp Index H02	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	10X End Repair Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	5X T4 DNA Ligase Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	Klenow DNA Polymerase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	T4 DNA Ligase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	T4 DNA Polymerase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	T4 Polynucleotide Kinase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	dNTP Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	10X Klenow Polymerase Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	Exo(-) Klenow	Fire-fighters should wear appropriate protective

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	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 8bp Index A01	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect 8bp Index B01	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect 8bp Index C01	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect 8bp Index D01	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect 8bp Index E01	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect 8bp Index F01	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect 8bp Index G01	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect 8bp Index H01	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect 8bp Index A02	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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SureSelect 8bp Index B02	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect 8bp Index C02	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect 8bp Index D02	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect 8bp Index E02	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect 8bp Index F02	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect 8bp Index G02	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect 8bp Index H02	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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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. 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

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	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 PCR1 primer F	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 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 8bp Index A01	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

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	protective equipment.
SureSelect 8bp Index B01	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 8bp Index C01	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 8bp Index D01	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 8bp Index E01	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 8bp Index F01	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 8bp Index G01	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 8bp Index H01	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 8bp Index A02	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 8bp Index B02	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 8bp Index C02	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 8bp Index D02	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected

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	personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect 8bp Index E02	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 8bp Index F02	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 8bp Index G02	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 8bp Index H02	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 information in "For non-emergency personnel".
10X Klenow Polymerase 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".
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".

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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 8bp Index A01	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 8bp Index B01	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 8bp Index C01	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 8bp Index D01	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 8bp Index E01	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 8bp Index F01	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 8bp Index G01	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 8bp Index H01	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 8bp Index A02	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 8bp Index B02	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

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SureSelect 8bp Index C02	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 8bp Index D02	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 8bp Index E02	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 8bp Index F02	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 8bp Index G02	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 8bp Index H02	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.

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Exo(-) Klenow	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
dATP	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
SureSelect Methyl-Seq Methylated Adapter	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
SureSelect Methyl-Seq Indexing Primer Common	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
SureSelect Methyl-Seq PCR1 primer F	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
SureSelect Methyl-Seq PCR1 primer R	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
SureSelect Methyl-Seq PCR Master Mix	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
SureSelect 8bp Index A01	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
SureSelect 8bp Index B01	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
SureSelect 8bp Index C01	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
SureSelect 8bp Index D01	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
SureSelect 8bp Index E01	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

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SureSelect 8bp Index F01	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 8bp Index G01	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 8bp Index H01	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 8bp Index A02	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 8bp Index B02	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 8bp Index C02	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 8bp Index D02	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 8bp Index E02	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 8bp Index F02	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 8bp Index G02	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 8bp Index H02	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](#)

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Methods for cleaning up	: 10X End Repair Buffer	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	5X T4 DNA Ligase Buffer	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	Klenow DNA Polymerase	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	T4 DNA Ligase	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	T4 DNA Polymerase	Stop leak if without risk. Move containers from spill 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.

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	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 inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect 8bp Index A01	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 8bp Index B01	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 8bp Index C01	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 8bp Index D01	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 8bp Index E01	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 8bp Index F01	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 8bp Index G01	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble.

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	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 8bp Index H01	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 8bp Index A02	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 8bp Index B02	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 8bp Index C02	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 8bp Index D02	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 8bp Index E02	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 8bp Index F02	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 8bp Index G02	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 8bp Index H02	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).
		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 8bp Index A01	Put on appropriate personal protective equipment (see Section 8).
		SureSelect 8bp Index B01	Put on appropriate personal protective equipment (see Section 8).
		SureSelect 8bp Index C01	Put on appropriate personal protective equipment (see Section 8).
		SureSelect 8bp Index D01	Put on appropriate personal protective equipment (see Section 8).
		SureSelect 8bp Index E01	Put on appropriate personal protective equipment (see Section 8).
		SureSelect 8bp Index F01	Put on appropriate personal protective equipment (see Section 8).
		SureSelect 8bp Index G01	Put on appropriate personal protective equipment (see Section 8).
		SureSelect 8bp Index H01	Put on appropriate personal protective equipment (see Section 8).
		SureSelect 8bp Index A02	Put on appropriate personal protective equipment (see Section 8).
		SureSelect 8bp Index B02	Put on appropriate personal protective equipment (see Section 8).
		SureSelect 8bp Index C02	Put on appropriate personal protective equipment (see Section 8).
		SureSelect 8bp Index D02	Put on appropriate personal protective equipment (see Section 8).
		SureSelect 8bp Index E02	Put on appropriate personal protective equipment (see Section 8).
		SureSelect 8bp Index F02	Put on appropriate personal protective equipment (see Section 8).
		SureSelect 8bp Index G02	Put on appropriate personal protective equipment (see Section 8).
		SureSelect 8bp Index H02	Put on appropriate personal protective equipment

Section 7. Handling and storage

Advice on general occupational hygiene

: 10X End Repair Buffer

(see Section 8).

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

5X T4 DNA Ligase Buffer

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Klenow DNA Polymerase

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

T4 DNA Ligase

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

T4 DNA Polymerase

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

T4 Polynucleotide Kinase

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

dNTP Mix

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for 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

Section 7. Handling and storage

dATP	additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect 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 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 8bp Index A01	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 8bp Index B01	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 8bp Index C01	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

Section 7. Handling and storage

SureSelect 8bp Index D01	additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect 8bp Index E01	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 8bp Index F01	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 8bp Index G01	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 8bp Index H01	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 8bp Index A02	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 8bp Index B02	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 8bp Index C02	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 8bp Index D02	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

Section 7. Handling and storage

SureSelect 8bp Index E02	additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect 8bp Index F02	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 8bp Index G02	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 8bp Index H02	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. See Section 10 for incompatible materials before handling or use.

5X T4 DNA Ligase Buffer

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

Klenow DNA Polymerase

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

Section 7. Handling and storage

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

Section 7. Handling and storage

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

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SureSelect 8bp Index A01	ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect 8bp Index B01	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect 8bp Index C01	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect 8bp Index D01	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect 8bp Index E01	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect 8bp Index F01	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. See Section 10 for incompatible materials before handling or use.
SureSelect 8bp Index G01	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect 8bp Index H01	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect 8bp Index A02	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect 8bp Index B02	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect 8bp Index C02	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for

Section 7. Handling and storage


SureSelect 8bp Index D02	incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect 8bp Index E02	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect 8bp Index F02	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect 8bp Index G02	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect 8bp Index H02	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.


Section 8. Exposure controls and personal protection

Control parameters


Occupational exposure limits


Ingredient name	Exposure limits
5X T4 DNA Ligase Buffer Polyethylene glycol	DFG MAC-values list (Germany, 7/2015). PEAK: 8000 mg/m ³ , 4 times per shift, 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.

Appropriate engineering controls :  Good general ventilation should be sufficient to control worker exposure to airborne contaminants.


Environmental exposure controls :  Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection 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.

Section 8. Exposure controls and personal protection

- 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 8bp Index A01	Liquid.
		SureSelect 8bp Index B01	Liquid.
		SureSelect 8bp Index C01	Liquid.
		SureSelect 8bp Index D01	Liquid.
		SureSelect 8bp Index E01	Liquid.
		SureSelect 8bp Index F01	Liquid.
		SureSelect 8bp Index G01	Liquid.
		SureSelect 8bp Index H01	Liquid.
		SureSelect 8bp Index A02	Liquid.
		SureSelect 8bp Index B02	Liquid.
		SureSelect 8bp Index C02	Liquid.
		SureSelect 8bp Index D02	Liquid.
		SureSelect 8bp Index E02	Liquid.
		SureSelect 8bp Index F02	Liquid.
		SureSelect 8bp Index G02	Liquid.
		SureSelect 8bp Index H02	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	Not available.

Section 9. Physical and chemical properties

	Methylated Adapter	
	SureSelect Methyl-Seq Indexing Primer Common	Not available.
	SureSelect Methyl-Seq PCR1 primer F	Not available.
	SureSelect Methyl-Seq PCR1 primer R	Not available.
	SureSelect Methyl-Seq PCR Master Mix	Not available.
	SureSelect 8bp Index A01	Not available.
	SureSelect 8bp Index B01	Not available.
	SureSelect 8bp Index C01	Not available.
	SureSelect 8bp Index D01	Not available.
	SureSelect 8bp Index E01	Not available.
	SureSelect 8bp Index F01	Not available.
	SureSelect 8bp Index G01	Not available.
	SureSelect 8bp Index H01	Not available.
	SureSelect 8bp Index A02	Not available.
	SureSelect 8bp Index B02	Not available.
	SureSelect 8bp Index C02	Not available.
	SureSelect 8bp Index D02	Not available.
	SureSelect 8bp Index E02	Not available.
	SureSelect 8bp Index F02	Not available.
	SureSelect 8bp Index G02	Not available.
	SureSelect 8bp Index H02	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.
	SureSelect Methyl-Seq PCR1 primer R	Not available.
	SureSelect Methyl-Seq PCR Master Mix	Not available.
	SureSelect 8bp Index A01	Not available.
	SureSelect 8bp Index B01	Not available.
	SureSelect 8bp Index C01	Not available.
	SureSelect 8bp Index D01	Not available.
	SureSelect 8bp Index E01	Not available.
	SureSelect 8bp Index F01	Not available.
	SureSelect 8bp Index G01	Not available.
	SureSelect 8bp Index H01	Not available.
	SureSelect 8bp Index A02	Not available.
	SureSelect 8bp Index B02	Not available.
	SureSelect 8bp Index C02	Not available.
	SureSelect 8bp Index D02	Not available.
	SureSelect 8bp Index E02	Not available.
	SureSelect 8bp Index F02	Not available.
	SureSelect 8bp Index G02	Not available.
	SureSelect 8bp Index H02	Not available.

Section 9. Physical and chemical properties

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 8bp Index A01	Not available.	
		SureSelect 8bp Index B01	Not available.	
		SureSelect 8bp Index C01	Not available.	
		SureSelect 8bp Index D01	Not available.	
		SureSelect 8bp Index E01	Not available.	
		SureSelect 8bp Index F01	Not available.	
		SureSelect 8bp Index G01	Not available.	
		SureSelect 8bp Index H01	Not available.	
		SureSelect 8bp Index A02	Not available.	
		SureSelect 8bp Index B02	Not available.	
		SureSelect 8bp Index C02	Not available.	
		SureSelect 8bp Index D02	Not available.	
		SureSelect 8bp Index E02	Not available.	
		SureSelect 8bp Index F02	Not available.	
		SureSelect 8bp Index G02	Not available.	
		SureSelect 8bp Index H02	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	
		10X Klenow Polymerase Buffer	7.5	
		Exo(-) Klenow	7	
		dATP	7 to 8	
		SureSelect Methyl-Seq Methylated Adapter	7.5	
		SureSelect Methyl-Seq Indexing Primer Common	7.5	
		SureSelect Methyl-Seq PCR1 primer F	7.5	
		SureSelect Methyl-Seq PCR1 primer R	7.5	
		SureSelect Methyl-Seq PCR Master Mix	8.8	
		SureSelect 8bp Index A01	7.5	
		SureSelect 8bp Index B01	7.5	
		SureSelect 8bp Index C01	7.5	
		SureSelect 8bp Index D01	7.5	
		SureSelect 8bp Index E01	7.5	

Section 9. Physical and chemical properties

	SureSelect 8bp Index F01	7.5	
	SureSelect 8bp Index G01	7.5	
	SureSelect 8bp Index H01	7.5	
	SureSelect 8bp Index A02	7.5	
	SureSelect 8bp Index B02	7.5	
	SureSelect 8bp Index C02	7.5	
	SureSelect 8bp Index D02	7.5	
	SureSelect 8bp Index E02	7.5	
	SureSelect 8bp Index F02	7.5	
	SureSelect 8bp Index G02	7.5	
	SureSelect 8bp Index H02	7.5	
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 Buffer	Not available.	
	Exo(-) Klenow	Not available.	
	dATP	0°C (32°F)	
	SureSelect Methyl-Seq Methylated Adapter	0°C (32°F)	
	SureSelect Methyl-Seq Indexing Primer Common	0°C (32°F)	
	SureSelect Methyl-Seq PCR1 primer F	0°C (32°F)	
	SureSelect Methyl-Seq PCR1 primer R	0°C (32°F)	
	SureSelect Methyl-Seq PCR Master Mix	0°C (32°F)	
	SureSelect 8bp Index A01	0°C (32°F)	
	SureSelect 8bp Index B01	0°C (32°F)	
	SureSelect 8bp Index C01	0°C (32°F)	
	SureSelect 8bp Index D01	0°C (32°F)	
	SureSelect 8bp Index E01	0°C (32°F)	
	SureSelect 8bp Index F01	0°C (32°F)	
	SureSelect 8bp Index G01	0°C (32°F)	
	SureSelect 8bp Index H01	0°C (32°F)	
	SureSelect 8bp Index A02	0°C (32°F)	
	SureSelect 8bp Index B02	0°C (32°F)	
	SureSelect 8bp Index C02	0°C (32°F)	
	SureSelect 8bp Index D02	0°C (32°F)	
	SureSelect 8bp Index E02	0°C (32°F)	
	SureSelect 8bp Index F02	0°C (32°F)	
	SureSelect 8bp Index G02	0°C (32°F)	
	SureSelect 8bp Index H02	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)	

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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 8bp Index A01	100°C (212°F)
SureSelect 8bp Index B01	100°C (212°F)
SureSelect 8bp Index C01	100°C (212°F)
SureSelect 8bp Index D01	100°C (212°F)
SureSelect 8bp Index E01	100°C (212°F)
SureSelect 8bp Index F01	100°C (212°F)
SureSelect 8bp Index G01	100°C (212°F)
SureSelect 8bp Index H01	100°C (212°F)
SureSelect 8bp Index A02	100°C (212°F)
SureSelect 8bp Index B02	100°C (212°F)
SureSelect 8bp Index C02	100°C (212°F)
SureSelect 8bp Index D02	100°C (212°F)
SureSelect 8bp Index E02	100°C (212°F)
SureSelect 8bp Index F02	100°C (212°F)
SureSelect 8bp Index G02	100°C (212°F)
SureSelect 8bp Index H02	100°C (212°F)
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 8bp Index A01	Not available.
SureSelect 8bp Index B01	Not available.
SureSelect 8bp Index C01	Not available.
SureSelect 8bp Index D01	Not available.
SureSelect 8bp Index E01	Not available.
SureSelect 8bp Index F01	Not available.
SureSelect 8bp Index G01	Not available.
SureSelect 8bp Index H01	Not available.
SureSelect 8bp Index A02	Not available.
SureSelect 8bp Index B02	Not available.
SureSelect 8bp Index C02	Not available.
SureSelect 8bp Index D02	Not available.
SureSelect 8bp Index E02	Not available.
SureSelect 8bp Index F02	Not available.
SureSelect 8bp Index G02	Not available.
SureSelect 8bp Index H02	Not available.

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 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 8bp Index A01	Not available.
SureSelect 8bp Index B01	Not available.
SureSelect 8bp Index C01	Not available.
SureSelect 8bp Index D01	Not available.
SureSelect 8bp Index E01	Not available.
SureSelect 8bp Index F01	Not available.
SureSelect 8bp Index G01	Not available.
SureSelect 8bp Index H01	Not available.
SureSelect 8bp Index A02	Not available.
SureSelect 8bp Index B02	Not available.
SureSelect 8bp Index C02	Not available.
SureSelect 8bp Index D02	Not available.
SureSelect 8bp Index E02	Not available.
SureSelect 8bp Index F02	Not available.
SureSelect 8bp Index G02	Not available.
SureSelect 8bp Index H02	Not available.

Section 9. Physical and chemical properties

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	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 8bp Index A01	Not available.	
		SureSelect 8bp Index B01	Not available.	
		SureSelect 8bp Index C01	Not available.	
		SureSelect 8bp Index D01	Not available.	
		SureSelect 8bp Index E01	Not available.	
		SureSelect 8bp Index F01	Not available.	
		SureSelect 8bp Index G01	Not available.	
		SureSelect 8bp Index H01	Not available.	
		SureSelect 8bp Index A02	Not available.	
		SureSelect 8bp Index B02	Not available.	
		SureSelect 8bp Index C02	Not available.	
		SureSelect 8bp Index D02	Not available.	
		SureSelect 8bp Index E02	Not available.	
		SureSelect 8bp Index F02	Not available.	
		SureSelect 8bp Index G02	Not available.	
		SureSelect 8bp Index H02	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	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 8bp Index A01	Not applicable.	
		SureSelect 8bp Index B01	Not applicable.	
		SureSelect 8bp Index C01	Not applicable.	
		SureSelect 8bp Index D01	Not applicable.	
		SureSelect 8bp Index E01	Not applicable.	
		SureSelect 8bp Index F01	Not applicable.	

Section 9. Physical and chemical properties

	SureSelect 8bp Index G01	Not applicable.
	SureSelect 8bp Index H01	Not applicable.
	SureSelect 8bp Index A02	Not applicable.
	SureSelect 8bp Index B02	Not applicable.
	SureSelect 8bp Index C02	Not applicable.
	SureSelect 8bp Index D02	Not applicable.
	SureSelect 8bp Index E02	Not applicable.
	SureSelect 8bp Index F02	Not applicable.
	SureSelect 8bp Index G02	Not applicable.
	SureSelect 8bp Index H02	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	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 8bp Index A01	Not available.
	SureSelect 8bp Index B01	Not available.
	SureSelect 8bp Index C01	Not available.
	SureSelect 8bp Index D01	Not available.
	SureSelect 8bp Index E01	Not available.
	SureSelect 8bp Index F01	Not available.
	SureSelect 8bp Index G01	Not available.
	SureSelect 8bp Index H01	Not available.
	SureSelect 8bp Index A02	Not available.
	SureSelect 8bp Index B02	Not available.
	SureSelect 8bp Index C02	Not available.
	SureSelect 8bp Index D02	Not available.
	SureSelect 8bp Index E02	Not available.
	SureSelect 8bp Index F02	Not available.
	SureSelect 8bp Index G02	Not available.
	SureSelect 8bp Index H02	Not available.
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	Not available.

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	PCR1 primer F	
	SureSelect Methyl-Seq	Not available.
	PCR1 primer R	
	SureSelect Methyl-Seq PCR	Not available.
	Master Mix	
	SureSelect 8bp Index A01	Not available.
	SureSelect 8bp Index B01	Not available.
	SureSelect 8bp Index C01	Not available.
	SureSelect 8bp Index D01	Not available.
	SureSelect 8bp Index E01	Not available.
	SureSelect 8bp Index F01	Not available.
	SureSelect 8bp Index G01	Not available.
	SureSelect 8bp Index H01	Not available.
	SureSelect 8bp Index A02	Not available.
	SureSelect 8bp Index B02	Not available.
	SureSelect 8bp Index C02	Not available.
	SureSelect 8bp Index D02	Not available.
	SureSelect 8bp Index E02	Not available.
	SureSelect 8bp Index F02	Not available.
	SureSelect 8bp Index G02	Not available.
	SureSelect 8bp Index H02	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	Not available.
	Buffer	
	Exo(-) Klenow	Not available.
	dATP	Not available.
	SureSelect Methyl-Seq	Not available.
	Methylated Adapter	
	SureSelect Methyl-Seq	Not available.
	Indexing Primer Common	
	SureSelect Methyl-Seq	Not available.
	PCR1 primer F	
	SureSelect Methyl-Seq	Not available.
	PCR1 primer R	
	SureSelect Methyl-Seq PCR	Not available.
	Master Mix	
	SureSelect 8bp Index A01	Not available.
	SureSelect 8bp Index B01	Not available.
	SureSelect 8bp Index C01	Not available.
	SureSelect 8bp Index D01	Not available.
	SureSelect 8bp Index E01	Not available.
	SureSelect 8bp Index F01	Not available.
	SureSelect 8bp Index G01	Not available.
	SureSelect 8bp Index H01	Not available.
	SureSelect 8bp Index A02	Not available.
	SureSelect 8bp Index B02	Not available.
	SureSelect 8bp Index C02	Not available.
	SureSelect 8bp Index D02	Not available.
	SureSelect 8bp Index E02	Not available.
	SureSelect 8bp Index F02	Not available.
	SureSelect 8bp Index G02	Not available.
	SureSelect 8bp Index H02	Not available.

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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 8bp Index A01	Not available.
	SureSelect 8bp Index B01	Not available.
	SureSelect 8bp Index C01	Not available.
	SureSelect 8bp Index D01	Not available.
	SureSelect 8bp Index E01	Not available.
	SureSelect 8bp Index F01	Not available.
	SureSelect 8bp Index G01	Not available.
	SureSelect 8bp Index H01	Not available.
	SureSelect 8bp Index A02	Not available.
	SureSelect 8bp Index B02	Not available.
	SureSelect 8bp Index C02	Not available.
	SureSelect 8bp Index D02	Not available.
	SureSelect 8bp Index E02	Not available.
	SureSelect 8bp Index F02	Not available.
	SureSelect 8bp Index G02	Not available.
	SureSelect 8bp Index H02	Not available.
Solubility	: 10X End Repair Buffer	Easily soluble in the following materials: cold water and hot water.
	5X T4 DNA Ligase Buffer	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	Soluble in the following materials: cold water and hot water.
	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	Easily soluble in the following materials: cold water

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PCR1 primer R	and hot water.
SureSelect Methyl-Seq PCR Master Mix	Easily soluble in the following materials: cold water and hot water.
SureSelect 8bp Index A01	Easily soluble in the following materials: cold water and hot water.
SureSelect 8bp Index B01	Easily soluble in the following materials: cold water and hot water.
SureSelect 8bp Index C01	Easily soluble in the following materials: cold water and hot water.
SureSelect 8bp Index D01	Easily soluble in the following materials: cold water and hot water.
SureSelect 8bp Index E01	Easily soluble in the following materials: cold water and hot water.
SureSelect 8bp Index F01	Easily soluble in the following materials: cold water and hot water.
SureSelect 8bp Index G01	Easily soluble in the following materials: cold water and hot water.
SureSelect 8bp Index H01	Easily soluble in the following materials: cold water and hot water.
SureSelect 8bp Index A02	Easily soluble in the following materials: cold water and hot water.
SureSelect 8bp Index B02	Easily soluble in the following materials: cold water and hot water.
SureSelect 8bp Index C02	Easily soluble in the following materials: cold water and hot water.
SureSelect 8bp Index D02	Easily soluble in the following materials: cold water and hot water.
SureSelect 8bp Index E02	Easily soluble in the following materials: cold water and hot water.
SureSelect 8bp Index F02	Easily soluble in the following materials: cold water and hot water.
SureSelect 8bp Index G02	Easily soluble in the following materials: cold water and hot water.
SureSelect 8bp Index H02	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 8bp Index A01	Not available.
SureSelect 8bp Index B01	Not available.
SureSelect 8bp Index C01	Not available.
SureSelect 8bp Index D01	Not available.
SureSelect 8bp Index E01	Not available.
SureSelect 8bp Index F01	Not available.
SureSelect 8bp Index G01	Not available.
SureSelect 8bp Index H01	Not available.

Partition coefficient: n-octanol/water

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	SureSelect 8bp Index A02	Not available.
	SureSelect 8bp Index B02	Not available.
	SureSelect 8bp Index C02	Not available.
	SureSelect 8bp Index D02	Not available.
	SureSelect 8bp Index E02	Not available.
	SureSelect 8bp Index F02	Not available.
	SureSelect 8bp Index G02	Not available.
	SureSelect 8bp Index H02	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	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 8bp Index A01	Not available.
	SureSelect 8bp Index B01	Not available.
	SureSelect 8bp Index C01	Not available.
	SureSelect 8bp Index D01	Not available.
	SureSelect 8bp Index E01	Not available.
	SureSelect 8bp Index F01	Not available.
	SureSelect 8bp Index G01	Not available.
	SureSelect 8bp Index H01	Not available.
	SureSelect 8bp Index A02	Not available.
	SureSelect 8bp Index B02	Not available.
	SureSelect 8bp Index C02	Not available.
	SureSelect 8bp Index D02	Not available.
	SureSelect 8bp Index E02	Not available.
	SureSelect 8bp Index F02	Not available.
	SureSelect 8bp Index G02	Not available.
	SureSelect 8bp Index H02	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	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	Not available.

Section 9. Physical and chemical properties

	PCR1 primer R	
	SureSelect Methyl-Seq PCR Master Mix	Not available.
	SureSelect 8bp Index A01	Not available.
	SureSelect 8bp Index B01	Not available.
	SureSelect 8bp Index C01	Not available.
	SureSelect 8bp Index D01	Not available.
	SureSelect 8bp Index E01	Not available.
	SureSelect 8bp Index F01	Not available.
	SureSelect 8bp Index G01	Not available.
	SureSelect 8bp Index H01	Not available.
	SureSelect 8bp Index A02	Not available.
	SureSelect 8bp Index B02	Not available.
	SureSelect 8bp Index C02	Not available.
	SureSelect 8bp Index D02	Not available.
	SureSelect 8bp Index E02	Not available.
	SureSelect 8bp Index F02	Not available.
	SureSelect 8bp Index G02	Not available.
	SureSelect 8bp Index H02	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 8bp Index A01	Not available.
	SureSelect 8bp Index B01	Not available.
	SureSelect 8bp Index C01	Not available.
	SureSelect 8bp Index D01	Not available.
	SureSelect 8bp Index E01	Not available.
	SureSelect 8bp Index F01	Not available.
	SureSelect 8bp Index G01	Not available.
	SureSelect 8bp Index H01	Not available.
	SureSelect 8bp Index A02	Not available.
	SureSelect 8bp Index B02	Not available.
	SureSelect 8bp Index C02	Not available.
SureSelect 8bp Index D02	Not available.	
SureSelect 8bp Index E02	Not available.	
SureSelect 8bp Index F02	Not available.	
SureSelect 8bp Index G02	Not available.	
SureSelect 8bp Index H02	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 8bp Index A01	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect 8bp Index B01	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect 8bp Index C01	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect 8bp Index D01	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect 8bp Index E01	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect 8bp Index F01	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect 8bp Index G01	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect 8bp Index H01	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect 8bp Index A02	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect 8bp Index B02	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect 8bp Index C02	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect 8bp Index D02	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect 8bp Index E02	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect 8bp Index F02	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect 8bp Index G02	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect 8bp Index H02	No specific test data related to reactivity available for this product or its ingredients.

Section 10. Stability and reactivity

Chemical stability

10X End Repair Buffer	The product is stable.
5X T4 DNA Ligase Buffer	The product is stable.
Klenow DNA Polymerase	The product is stable.
T4 DNA Ligase	The product is stable.
T4 DNA Polymerase	The product is stable.
T4 Polynucleotide Kinase	The product is stable.
dNTP Mix	The product is stable.
10X Klenow Polymerase Buffer	The product is stable.
Exo(-) Klenow	The product is stable.
dATP	The product is stable.
SureSelect Methyl-Seq Methylated Adapter	The product is stable.
SureSelect Methyl-Seq Indexing Primer Common	The product is stable.
SureSelect Methyl-Seq PCR1 primer F	The product is stable.
SureSelect Methyl-Seq PCR1 primer R	The product is stable.
SureSelect Methyl-Seq PCR Master Mix	The product is stable.
SureSelect 8bp Index A01	The product is stable.
SureSelect 8bp Index B01	The product is stable.
SureSelect 8bp Index C01	The product is stable.
SureSelect 8bp Index D01	The product is stable.
SureSelect 8bp Index E01	The product is stable.
SureSelect 8bp Index F01	The product is stable.
SureSelect 8bp Index G01	The product is stable.
SureSelect 8bp Index H01	The product is stable.
SureSelect 8bp Index A02	The product is stable.
SureSelect 8bp Index B02	The product is stable.
SureSelect 8bp Index C02	The product is stable.
SureSelect 8bp Index D02	The product is stable.
SureSelect 8bp Index E02	The product is stable.
SureSelect 8bp Index F02	The product is stable.
SureSelect 8bp Index G02	The product is stable.
SureSelect 8bp Index H02	The product is stable.

Possibility of hazardous reactions

10X End Repair Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.
5X T4 DNA Ligase Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.
Klenow DNA Polymerase	Under normal conditions of storage and use, hazardous reactions will not occur.
T4 DNA Ligase	Under normal conditions of storage and use, hazardous reactions will not occur.
T4 DNA Polymerase	Under normal conditions of storage and use, hazardous reactions will not occur.
T4 Polynucleotide Kinase	Under normal conditions of storage and use, hazardous reactions will not occur.
dNTP Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
10X Klenow Polymerase Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.
Exo(-) Klenow	Under normal conditions of storage and use, hazardous reactions will not occur.
dATP	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Methyl-Seq Methylated Adapter	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Methyl-Seq	Under normal conditions of storage and use,

Section 10. Stability and reactivity

Indexing Primer Common	hazardous reactions will not occur.
SureSelect Methyl-Seq PCR1 primer F	Under normal conditions of storage and use, hazardous reactions will not occur.
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 8bp Index A01	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect 8bp Index B01	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect 8bp Index C01	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect 8bp Index D01	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect 8bp Index E01	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect 8bp Index F01	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect 8bp Index G01	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect 8bp Index H01	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect 8bp Index A02	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect 8bp Index B02	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect 8bp Index C02	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect 8bp Index D02	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect 8bp Index E02	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect 8bp Index F02	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect 8bp Index G02	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect 8bp Index H02	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	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 8bp Index A01	No specific data.
SureSelect 8bp Index B01	No specific data.

Section 10. Stability and reactivity

SureSelect 8bp Index C01	No specific data.
SureSelect 8bp Index D01	No specific data.
SureSelect 8bp Index E01	No specific data.
SureSelect 8bp Index F01	No specific data.
SureSelect 8bp Index G01	No specific data.
SureSelect 8bp Index H01	No specific data.
SureSelect 8bp Index A02	No specific data.
SureSelect 8bp Index B02	No specific data.
SureSelect 8bp Index C02	No specific data.
SureSelect 8bp Index D02	No specific data.
SureSelect 8bp Index E02	No specific data.
SureSelect 8bp Index F02	No specific data.
SureSelect 8bp Index G02	No specific data.
SureSelect 8bp Index H02	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 8bp Index A01	May react or be incompatible with oxidising materials.
SureSelect 8bp Index B01	May react or be incompatible with oxidising materials.
SureSelect 8bp Index C01	May react or be incompatible with oxidising materials.
SureSelect 8bp Index D01	May react or be incompatible with oxidising materials.
SureSelect 8bp Index E01	May react or be incompatible with oxidising materials.
SureSelect 8bp Index F01	May react or be incompatible with oxidising materials.
SureSelect 8bp Index G01	May react or be incompatible with oxidising materials.
SureSelect 8bp Index H01	May react or be incompatible with oxidising materials.
SureSelect 8bp Index A02	May react or be incompatible with oxidising materials.
SureSelect 8bp Index B02	May react or be incompatible with oxidising materials.
SureSelect 8bp Index C02	May react or be incompatible with oxidising materials.
SureSelect 8bp Index D02	May react or be incompatible with oxidising materials.
SureSelect 8bp Index E02	May react or be incompatible with oxidising materials.
SureSelect 8bp Index F02	May react or be incompatible with oxidising materials.
SureSelect 8bp Index G02	May react or be incompatible with oxidising materials.
SureSelect 8bp Index H02	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.

Section 10. Stability and reactivity

T4 DNA Ligase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
T4 DNA Polymerase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
T4 Polynucleotide Kinase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
dNTP Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
10X Klenow Polymerase 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 8bp Index A01	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect 8bp Index B01	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect 8bp Index C01	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect 8bp Index D01	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect 8bp Index E01	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect 8bp Index F01	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect 8bp Index G01	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect 8bp Index H01	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect 8bp Index A02	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 10. Stability and reactivity

SureSelect 8bp Index B02	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect 8bp Index C02	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect 8bp Index D02	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect 8bp Index E02	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect 8bp Index F02	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect 8bp Index G02	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect 8bp Index H02	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
K lenow 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	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
S X 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	-

Section 11. Toxicological information

T4 DNA Ligase Glycerol	Eyes - Mild irritant	Rabbit	-	milligrams	-
	24 hours 500 milligrams	-	-	-	-
T4 DNA Polymerase Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	24 hours 500 milligrams	-	-	-	-
T4 Polynucleotide Kinase Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	24 hours 500 milligrams	-	-	-	-
Exo(-) Klenow Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	24 hours 500 milligrams	-	-	-	-
SureSelect Methyl-Seq PCR Master Mix Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	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)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Section 11. Toxicological information

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	Not available.
	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 8bp Index A01	Not available.
	SureSelect 8bp Index B01	Not available.
	SureSelect 8bp Index C01	Not available.
	SureSelect 8bp Index D01	Not available.
	SureSelect 8bp Index E01	Not available.
	SureSelect 8bp Index F01	Not available.
	SureSelect 8bp Index G01	Not available.
	SureSelect 8bp Index H01	Not available.
	SureSelect 8bp Index A02	Not available.
	SureSelect 8bp Index B02	Not available.
	SureSelect 8bp Index C02	Not available.
	SureSelect 8bp Index D02	Not available.
	SureSelect 8bp Index E02	Not available.
	SureSelect 8bp Index F02	Not available.
	SureSelect 8bp Index G02	Not available.
	SureSelect 8bp Index H02	Not available.

Potential acute health effects

Eye 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 dATP	No known significant effects or critical hazards. 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 8bp Index A01	No known significant effects or critical hazards.
SureSelect 8bp Index B01	No known significant effects or critical hazards.	
SureSelect 8bp Index C01	No known significant effects or critical hazards.	
SureSelect 8bp Index D01	No known significant effects or critical hazards.	

Section 11. Toxicological information

	SureSelect 8bp Index E01	No known significant effects or critical hazards.
	SureSelect 8bp Index F01	No known significant effects or critical hazards.
	SureSelect 8bp Index G01	No known significant effects or critical hazards.
	SureSelect 8bp Index H01	No known significant effects or critical hazards.
	SureSelect 8bp Index A02	No known significant effects or critical hazards.
	SureSelect 8bp Index B02	No known significant effects or critical hazards.
	SureSelect 8bp Index C02	No known significant effects or critical hazards.
	SureSelect 8bp Index D02	No known significant effects or critical hazards.
	SureSelect 8bp Index E02	No known significant effects or critical hazards.
	SureSelect 8bp Index F02	No known significant effects or critical hazards.
	SureSelect 8bp Index G02	No known significant effects or critical hazards.
	SureSelect 8bp Index H02	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 8bp Index A01	No known significant effects or critical hazards.
	SureSelect 8bp Index B01	No known significant effects or critical hazards.
	SureSelect 8bp Index C01	No known significant effects or critical hazards.
	SureSelect 8bp Index D01	No known significant effects or critical hazards.
	SureSelect 8bp Index E01	No known significant effects or critical hazards.
	SureSelect 8bp Index F01	No known significant effects or critical hazards.
	SureSelect 8bp Index G01	No known significant effects or critical hazards.
	SureSelect 8bp Index H01	No known significant effects or critical hazards.
	SureSelect 8bp Index A02	No known significant effects or critical hazards.
	SureSelect 8bp Index B02	No known significant effects or critical hazards.
	SureSelect 8bp Index C02	No known significant effects or critical hazards.
	SureSelect 8bp Index D02	No known significant effects or critical hazards.
	SureSelect 8bp Index E02	No known significant effects or critical hazards.
	SureSelect 8bp Index F02	No known significant effects or critical hazards.
	SureSelect 8bp Index G02	No known significant effects or critical hazards.
	SureSelect 8bp Index H02	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	No known significant effects or critical hazards.

Section 11. Toxicological information

	Indexing Primer Common	
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	PCR1 primer F	
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	PCR1 primer R	
	SureSelect Methyl-Seq PCR	No known significant effects or critical hazards.
	Master Mix	
	SureSelect 8bp Index A01	No known significant effects or critical hazards.
	SureSelect 8bp Index B01	No known significant effects or critical hazards.
	SureSelect 8bp Index C01	No known significant effects or critical hazards.
	SureSelect 8bp Index D01	No known significant effects or critical hazards.
	SureSelect 8bp Index E01	No known significant effects or critical hazards.
	SureSelect 8bp Index F01	No known significant effects or critical hazards.
	SureSelect 8bp Index G01	No known significant effects or critical hazards.
	SureSelect 8bp Index H01	No known significant effects or critical hazards.
	SureSelect 8bp Index A02	No known significant effects or critical hazards.
	SureSelect 8bp Index B02	No known significant effects or critical hazards.
	SureSelect 8bp Index C02	No known significant effects or critical hazards.
	SureSelect 8bp Index D02	No known significant effects or critical hazards.
	SureSelect 8bp Index E02	No known significant effects or critical hazards.
	SureSelect 8bp Index F02	No known significant effects or critical hazards.
	SureSelect 8bp Index G02	No known significant effects or critical hazards.
	SureSelect 8bp Index H02	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	No known significant effects or critical hazards.
	Buffer	
	Exo(-) Klenow	No known significant effects or critical hazards.
	dATP	No known significant effects or critical hazards.
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Methylated Adapter	
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	Indexing Primer Common	
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	PCR1 primer F	
	SureSelect Methyl-Seq	No known significant effects or critical hazards.
	PCR1 primer R	
	SureSelect Methyl-Seq PCR	No known significant effects or critical hazards.
	Master Mix	
	SureSelect 8bp Index A01	No known significant effects or critical hazards.
	SureSelect 8bp Index B01	No known significant effects or critical hazards.
	SureSelect 8bp Index C01	No known significant effects or critical hazards.
	SureSelect 8bp Index D01	No known significant effects or critical hazards.
	SureSelect 8bp Index E01	No known significant effects or critical hazards.
	SureSelect 8bp Index F01	No known significant effects or critical hazards.
	SureSelect 8bp Index G01	No known significant effects or critical hazards.
	SureSelect 8bp Index H01	No known significant effects or critical hazards.
	SureSelect 8bp Index A02	No known significant effects or critical hazards.
	SureSelect 8bp Index B02	No known significant effects or critical hazards.
	SureSelect 8bp Index C02	No known significant effects or critical hazards.
	SureSelect 8bp Index D02	No known significant effects or critical hazards.
	SureSelect 8bp Index E02	No known significant effects or critical hazards.
	SureSelect 8bp Index F02	No known significant effects or critical hazards.
	SureSelect 8bp Index G02	No known significant effects or critical hazards.
	SureSelect 8bp Index H02	No known significant effects or critical hazards.

[Symptoms related to the physical, chemical and toxicological characteristics](#)

Section 11. Toxicological information

Eye 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 8bp Index A01	No specific data.	
		SureSelect 8bp Index B01	No specific data.	
		SureSelect 8bp Index C01	No specific data.	
		SureSelect 8bp Index D01	No specific data.	
		SureSelect 8bp Index E01	No specific data.	
		SureSelect 8bp Index F01	No specific data.	
		SureSelect 8bp Index G01	No specific data.	
		SureSelect 8bp Index H01	No specific data.	
		SureSelect 8bp Index A02	No specific data.	
		SureSelect 8bp Index B02	No specific data.	
		SureSelect 8bp Index C02	No specific data.	
		SureSelect 8bp Index D02	No specific data.	
		SureSelect 8bp Index E02	No specific data.	
		SureSelect 8bp Index F02	No specific data.	
		SureSelect 8bp Index G02	No specific data.	
		SureSelect 8bp Index H02	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	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 8bp Index A01	No specific data.	
		SureSelect 8bp Index B01	No specific data.	
		SureSelect 8bp Index C01	No specific data.	
		SureSelect 8bp Index D01	No specific data.	
		SureSelect 8bp Index E01	No specific data.	

Section 11. Toxicological information

	SureSelect 8bp Index F01	No specific data.
	SureSelect 8bp Index G01	No specific data.
	SureSelect 8bp Index H01	No specific data.
	SureSelect 8bp Index A02	No specific data.
	SureSelect 8bp Index B02	No specific data.
	SureSelect 8bp Index C02	No specific data.
	SureSelect 8bp Index D02	No specific data.
	SureSelect 8bp Index E02	No specific data.
	SureSelect 8bp Index F02	No specific data.
	SureSelect 8bp Index G02	No specific data.
	SureSelect 8bp Index H02	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 8bp Index A01	No specific data.
	SureSelect 8bp Index B01	No specific data.
	SureSelect 8bp Index C01	No specific data.
	SureSelect 8bp Index D01	No specific data.
	SureSelect 8bp Index E01	No specific data.
	SureSelect 8bp Index F01	No specific data.
	SureSelect 8bp Index G01	No specific data.
	SureSelect 8bp Index H01	No specific data.
	SureSelect 8bp Index A02	No specific data.
	SureSelect 8bp Index B02	No specific data.
	SureSelect 8bp Index C02	No specific data.
	SureSelect 8bp Index D02	No specific data.
	SureSelect 8bp Index E02	No specific data.
	SureSelect 8bp Index F02	No specific data.
	SureSelect 8bp Index G02	No specific data.
	SureSelect 8bp Index H02	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	No specific data.
	dATP	No specific data.
	SureSelect Methyl-Seq Methylated Adapter	No specific data.
	SureSelect Methyl-Seq Indexing Primer Common	No specific data.

Section 11. Toxicological information

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 8bp Index A01	No specific data.
SureSelect 8bp Index B01	No specific data.
SureSelect 8bp Index C01	No specific data.
SureSelect 8bp Index D01	No specific data.
SureSelect 8bp Index E01	No specific data.
SureSelect 8bp Index F01	No specific data.
SureSelect 8bp Index G01	No specific data.
SureSelect 8bp Index H01	No specific data.
SureSelect 8bp Index A02	No specific data.
SureSelect 8bp Index B02	No specific data.
SureSelect 8bp Index C02	No specific data.
SureSelect 8bp Index D02	No specific data.
SureSelect 8bp Index E02	No specific data.
SureSelect 8bp Index F02	No specific data.
SureSelect 8bp Index G02	No specific data.
SureSelect 8bp Index H02	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 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 8bp Index A01	No known significant effects or critical hazards.
	SureSelect 8bp Index B01	No known significant effects or critical hazards.
	SureSelect 8bp Index C01	No known significant effects or critical hazards.
	SureSelect 8bp Index D01	No known significant effects or critical hazards.
	SureSelect 8bp Index E01	No known significant effects or critical hazards.

Section 11. Toxicological information

	SureSelect 8bp Index F01	No known significant effects or critical hazards.
	SureSelect 8bp Index G01	No known significant effects or critical hazards.
	SureSelect 8bp Index H01	No known significant effects or critical hazards.
	SureSelect 8bp Index A02	No known significant effects or critical hazards.
	SureSelect 8bp Index B02	No known significant effects or critical hazards.
	SureSelect 8bp Index C02	No known significant effects or critical hazards.
	SureSelect 8bp Index D02	No known significant effects or critical hazards.
	SureSelect 8bp Index E02	No known significant effects or critical hazards.
	SureSelect 8bp Index F02	No known significant effects or critical hazards.
	SureSelect 8bp Index G02	No known significant effects or critical hazards.
	SureSelect 8bp Index H02	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 8bp Index A01	No known significant effects or critical hazards.
	SureSelect 8bp Index B01	No known significant effects or critical hazards.
	SureSelect 8bp Index C01	No known significant effects or critical hazards.
	SureSelect 8bp Index D01	No known significant effects or critical hazards.
	SureSelect 8bp Index E01	No known significant effects or critical hazards.
	SureSelect 8bp Index F01	No known significant effects or critical hazards.
	SureSelect 8bp Index G01	No known significant effects or critical hazards.
	SureSelect 8bp Index H01	No known significant effects or critical hazards.
SureSelect 8bp Index A02	No known significant effects or critical hazards.	
SureSelect 8bp Index B02	No known significant effects or critical hazards.	
SureSelect 8bp Index C02	No known significant effects or critical hazards.	
SureSelect 8bp Index D02	No known significant effects or critical hazards.	
SureSelect 8bp Index E02	No known significant effects or critical hazards.	
SureSelect 8bp Index F02	No known significant effects or critical hazards.	
SureSelect 8bp Index G02	No known significant effects or critical hazards.	
SureSelect 8bp Index H02	No known significant effects or critical hazards.	
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.

Section 11. Toxicological information

	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 8bp Index A01	No known significant effects or critical hazards.
	SureSelect 8bp Index B01	No known significant effects or critical hazards.
	SureSelect 8bp Index C01	No known significant effects or critical hazards.
	SureSelect 8bp Index D01	No known significant effects or critical hazards.
	SureSelect 8bp Index E01	No known significant effects or critical hazards.
	SureSelect 8bp Index F01	No known significant effects or critical hazards.
	SureSelect 8bp Index G01	No known significant effects or critical hazards.
	SureSelect 8bp Index H01	No known significant effects or critical hazards.
	SureSelect 8bp Index A02	No known significant effects or critical hazards.
	SureSelect 8bp Index B02	No known significant effects or critical hazards.
	SureSelect 8bp Index C02	No known significant effects or critical hazards.
	SureSelect 8bp Index D02	No known significant effects or critical hazards.
	SureSelect 8bp Index E02	No known significant effects or critical hazards.
	SureSelect 8bp Index F02	No known significant effects or critical hazards.
	SureSelect 8bp Index G02	No known significant effects or critical hazards.
	SureSelect 8bp Index H02	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 8bp Index A01	No known significant effects or critical hazards.
	SureSelect 8bp Index B01	No known significant effects or critical hazards.
	SureSelect 8bp Index C01	No known significant effects or critical hazards.
	SureSelect 8bp Index D01	No known significant effects or critical hazards.
	SureSelect 8bp Index E01	No known significant effects or critical hazards.
	SureSelect 8bp Index F01	No known significant effects or critical hazards.
	SureSelect 8bp Index G01	No known significant effects or critical hazards.
	SureSelect 8bp Index H01	No known significant effects or critical hazards.
	SureSelect 8bp Index A02	No known significant effects or critical hazards.
	SureSelect 8bp Index B02	No known significant effects or critical hazards.
	SureSelect 8bp Index C02	No known significant effects or critical hazards.
	SureSelect 8bp Index D02	No known significant effects or critical hazards.
	SureSelect 8bp Index E02	No known significant effects or critical hazards.
	SureSelect 8bp Index F02	No known significant effects or critical hazards.
	SureSelect 8bp Index G02	No known significant effects or critical hazards.
	SureSelect 8bp Index H02	No known significant effects or critical hazards.

Section 11. Toxicological information

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 8bp Index A01	No known significant effects or critical hazards.		
		SureSelect 8bp Index B01	No known significant effects or critical hazards.		
		SureSelect 8bp Index C01	No known significant effects or critical hazards.		
		SureSelect 8bp Index D01	No known significant effects or critical hazards.		
		SureSelect 8bp Index E01	No known significant effects or critical hazards.		
		SureSelect 8bp Index F01	No known significant effects or critical hazards.		
		SureSelect 8bp Index G01	No known significant effects or critical hazards.		
		SureSelect 8bp Index H01	No known significant effects or critical hazards.		
		SureSelect 8bp Index A02	No known significant effects or critical hazards.		
		SureSelect 8bp Index B02	No known significant effects or critical hazards.		
		SureSelect 8bp Index C02	No known significant effects or critical hazards.		
		SureSelect 8bp Index D02	No known significant effects or critical hazards.		
		SureSelect 8bp Index E02	No known significant effects or critical hazards.		
		SureSelect 8bp Index F02	No known significant effects or critical hazards.		
		SureSelect 8bp Index G02	No known significant effects or critical hazards.		
		SureSelect 8bp Index H02	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 PCR1 primer R	No known significant effects or critical hazards.				
SureSelect Methyl-Seq PCR Master Mix	No known significant effects or critical hazards.				
SureSelect 8bp Index A01	No known significant effects or critical hazards.				
SureSelect 8bp Index B01	No known significant effects or critical hazards.				
SureSelect 8bp Index C01	No known significant effects or critical hazards.				
SureSelect 8bp Index D01	No known significant effects or critical hazards.				
SureSelect 8bp Index E01	No known significant effects or critical hazards.				

Section 11. Toxicological information

SureSelect 8bp Index F01	No known significant effects or critical hazards.
SureSelect 8bp Index G01	No known significant effects or critical hazards.
SureSelect 8bp Index H01	No known significant effects or critical hazards.
SureSelect 8bp Index A02	No known significant effects or critical hazards.
SureSelect 8bp Index B02	No known significant effects or critical hazards.
SureSelect 8bp Index C02	No known significant effects or critical hazards.
SureSelect 8bp Index D02	No known significant effects or critical hazards.
SureSelect 8bp Index E02	No known significant effects or critical hazards.
SureSelect 8bp Index F02	No known significant effects or critical hazards.
SureSelect 8bp Index G02	No known significant effects or critical hazards.
SureSelect 8bp Index H02	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

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

Persistence and degradability

Not available.

Bioaccumulative potential

Section 12. Ecological information

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

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. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

ADG / IMDG / IATA : Not regulated as Dangerous Goods according to the ADG Code .

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of Marpol and the IBC Code : Not available.

Section 15. Regulatory information

Standard Uniform Schedule of Medicine and Poisons

Not regulated.

Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol (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.

Inventory list

Australia	: Not determined.
Canada	: <input checked="" type="checkbox"/> Not determined.
China	: <input checked="" type="checkbox"/> All components are listed or exempted.
Europe	: <input checked="" type="checkbox"/> All components are listed or exempted.
Japan	: <input checked="" type="checkbox"/> Japan inventory (ENCS) : Not determined. Japan inventory (ISHL) : Not determined.
Malaysia	: Not determined.
New Zealand	: Not determined.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: <input checked="" type="checkbox"/> All components are listed or exempted.
Thailand	: <input checked="" type="checkbox"/> Not determined.
Turkey	: <input checked="" type="checkbox"/> Not determined.
United States	: All components are listed or exempted.
Viet Nam	: <input checked="" type="checkbox"/> Not determined.

Section 16. Any other relevant information

History

Date of issue/Date of revision : 31/05/2017

Date of previous issue : 07/01/2015.

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

Section 16. Any other relevant information

SUSMP = Standard Uniform Schedule of Medicine and Poisons
 UN = United Nations

Procedure used to derive the classification

Classification	Justification
Not classified.	

References : Not available.

✔ Indicates information that has changed from previously issued version.

Notice to reader

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