

SAFETY DATA SHEET



SureSelect Library Prep Kit ILM-16 Reactions, Part Number 5500-0132

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier

Product name	: SureSelect Library Prep Kit ILM-16 Reactions, Part Number 5500-0132
Part No. (Kit)	: 5500-0132
Part No.	: 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 Adaptor Oligo Mix 5190-4932 SureSelect Primer 5190-4933 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

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

Identified uses

Analytical reagent.

Date of issue/Date of revision : 17/11/2017

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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	0.040 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 Adaptor Oligo Mix	0.18 ml (16 reactions)
SureSelect Primer	0.066 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)
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)

1.3 Details of the supplier of the safety data sheet

Agilent Technologies Manufacturing GmbH & Co. KG
Hewlett-Packard-Str. 8
76337 Waldbronn
Germany
0800 603 1000

e-mail address of person responsible for this SDS : pdl-msds_author@agilent.com

1.4 Emergency telephone number

Emergency telephone number (with hours of operation) : CHEMTREC®: +(44)-870-8200418

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : 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

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dATP	Mixture
SureSelect Adaptor	Mixture
Oligo Mix	
SureSelect Primer	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

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified.

Ingredients of unknown toxicity	: 10X End Repair 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: 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: 10 - 30% 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%

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		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%
Ingredients of unknown ecotoxicity	: 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%

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 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 Adaptor Oligo Mix	No signal word.
SureSelect Primer	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.

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	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 Adaptor	No known significant effects or critical hazards.
	Oligo Mix	
	SureSelect Primer	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

SECTION 2: Hazards identification

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	Not applicable.
		dATP	Not applicable.
		SureSelect Adaptor	Not applicable.
		Oligo Mix	Not applicable.
		SureSelect Primer	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.
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 Adaptor	Not applicable.
		Oligo Mix	Not applicable.
		SureSelect Primer	Not applicable.
		SureSelect 8bp Index	Not applicable.

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

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

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Hazardous ingredients	:	10X End Repair Buffer	Not applicable.
		5X T4 DNA Ligase Buffer	Not applicable.
		10X Klenow Polymerase Buffer	Not applicable.
Supplemental label elements	:	10X End Repair Buffer	Safety data sheet available on request.
		5X T4 DNA Ligase Buffer	Safety data sheet available on request.
		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	Safety data sheet available on request.
		Exo(-) Klenow	Not applicable.
		dATP	Not applicable.
		SureSelect Adaptor Oligo Mix	Not applicable.
		SureSelect Primer	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.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	:	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.

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SureSelect Adaptor Oligo Mix	Not applicable.
SureSelect Primer	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.

Special packaging requirements

Tactile warning of danger	: 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 Adaptor Oligo Mix	Not applicable.
	SureSelect Primer	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	Not applicable.

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F01	SureSelect 8bp Index	Not applicable.
G01	SureSelect 8bp Index	Not applicable.
H01	SureSelect 8bp Index	Not applicable.
A02	SureSelect 8bp Index	Not applicable.
B02	SureSelect 8bp Index	Not applicable.
C02	SureSelect 8bp Index	Not applicable.
D02	SureSelect 8bp Index	Not applicable.
E02	SureSelect 8bp Index	Not applicable.
F02	SureSelect 8bp Index	Not applicable.
G02	SureSelect 8bp Index	Not applicable.
H02	SureSelect 8bp Index	Not applicable.

2.3 Other hazards

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 Adaptor	None known.
		Oligo Mix	
		SureSelect Primer	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.

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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/information on ingredients

3.1 Substances	:	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 Adaptor Oligo Mix	Mixture
		SureSelect Primer	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

Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Type
10X End Repair Buffer 2-Amino-2-(hydroxymethyl) propane-1,3-diol hydrochloride	EC: 214-684-5 CAS: 1185-53-1	≤8.3	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	[1]
(R*,R*)-1,4-Dimercaptobutane-2,3-diol	EC: 222-468-7 CAS: 3483-12-3	≤1.6	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Chronic 3, H412	[1]
5X T4 DNA Ligase Buffer 2-Amino-2-(hydroxymethyl) propane-1,3-diol hydrochloride	EC: 214-684-5 CAS: 1185-53-1	≤5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	[1]
Klenow DNA Polymerase Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	[2]

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T4 DNA Ligase Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	[2]
T4 DNA Polymerase Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	[2]
T4 Polynucleotide Kinase Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	[2]
10X Klenow Polymerase Buffer 2-Amino-2-(hydroxymethyl) propane-1,3-diol hydrochloride	EC: 214-684-5 CAS: 1185-53-1	<10	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	[1]
Exo(-) Klenow Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	[2]
			See Section 16 for the full text of the H statements declared above.	

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.

Type

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern
- [6] Additional disclosure due to company policy

SECTION 4: First aid measures

4.1 Description of 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

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	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 Adaptor Oligo Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect Primer	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. Check for and remove any contact lenses. Get medical attention if irritation occurs.

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Inhalation	SureSelect 8bp Index H02	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 Adaptor Oligo Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect Primer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	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	

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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.
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

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	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 Adaptor Oligo Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect Primer	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. 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.

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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.
	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 Adaptor Oligo Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If

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	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 Primer	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 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

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SureSelect 8bp Index B02	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 C02	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 D02	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.
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

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SureSelect Adaptor	without suitable training.
Oligo Mix	No action shall be taken involving any personal risk or without suitable training.
SureSelect Primer	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.

4.2 Most important symptoms and effects, both 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 Adaptor	No known significant effects or critical hazards.
		Oligo Mix	
		SureSelect Primer	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	No known significant effects or critical hazards.

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

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Skin contact

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

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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 Adaptor	No known significant effects or critical hazards.
		Oligo Mix	
		SureSelect Primer	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.

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 Adaptor	No specific data.
		Oligo Mix	
		SureSelect Primer	No specific data.
		SureSelect 8bp Index	No specific data.

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	A01	
	SureSelect 8bp Index	No specific data.
	B01	
	SureSelect 8bp Index	No specific data.
	C01	
	SureSelect 8bp Index	No specific data.
	D01	
	SureSelect 8bp Index	No specific data.
	E01	
	SureSelect 8bp Index	No specific data.
	F01	
	SureSelect 8bp Index	No specific data.
	G01	
	SureSelect 8bp Index	No specific data.
	H01	
	SureSelect 8bp Index	No specific data.
	A02	
	SureSelect 8bp Index	No specific data.
	B02	
	SureSelect 8bp Index	No specific data.
	C02	
	SureSelect 8bp Index	No specific data.
	D02	
	SureSelect 8bp Index	No specific data.
	E02	
	SureSelect 8bp Index	No specific data.
	F02	
	SureSelect 8bp Index	No specific data.
	G02	
	SureSelect 8bp Index	No specific data.
	H02	
Inhalation	: 10X End Repair Buffer	No specific data.
	5X T4 DNA Ligase Buffer	No specific data.
	Klenow DNA Polymerase	No specific data.
	T4 DNA Ligase	No specific data.
	T4 DNA Polymerase	No specific data.
	T4 Polynucleotide Kinase	No specific data.
	dNTP Mix	No specific data.
	10X Klenow Polymerase	No specific data.
	Buffer	
	Exo(-) Klenow	No specific data.
	dATP	No specific data.
	SureSelect Adaptor	No specific data.
	Oligo Mix	
	SureSelect Primer	No specific data.
	SureSelect 8bp Index	No specific data.
	A01	
	SureSelect 8bp Index	No specific data.
	B01	
	SureSelect 8bp Index	No specific data.
	C01	
	SureSelect 8bp Index	No specific data.
	D01	
	SureSelect 8bp Index	No specific data.
	E01	
	SureSelect 8bp Index	No specific data.
	F01	
	SureSelect 8bp Index	No specific data.
	G01	
	SureSelect 8bp Index	No specific data.
	H01	
	SureSelect 8bp Index	No specific data.

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	A02	
	SureSelect 8bp Index	No specific data.
	B02	
	SureSelect 8bp Index	No specific data.
	C02	
	SureSelect 8bp Index	No specific data.
	D02	
	SureSelect 8bp Index	No specific data.
	E02	
	SureSelect 8bp Index	No specific data.
	F02	
	SureSelect 8bp Index	No specific data.
	G02	
	SureSelect 8bp Index	No specific data.
	H02	
Skin contact	:	
	10X End Repair Buffer	No specific data.
	5X T4 DNA Ligase Buffer	No specific data.
	Klenow DNA Polymerase	No specific data.
	T4 DNA Ligase	No specific data.
	T4 DNA Polymerase	No specific data.
	T4 Polynucleotide Kinase	No specific data.
	dNTP Mix	No specific data.
	10X Klenow Polymerase	No specific data.
	Buffer	
	Exo(-) Klenow	No specific data.
	dATP	No specific data.
	SureSelect Adaptor	No specific data.
	Oligo Mix	
	SureSelect Primer	No specific data.
	SureSelect 8bp Index	No specific data.
	A01	
	SureSelect 8bp Index	No specific data.
	B01	
	SureSelect 8bp Index	No specific data.
	C01	
	SureSelect 8bp Index	No specific data.
	D01	
	SureSelect 8bp Index	No specific data.
	E01	
	SureSelect 8bp Index	No specific data.
	F01	
	SureSelect 8bp Index	No specific data.
	G01	
	SureSelect 8bp Index	No specific data.
	H01	
	SureSelect 8bp Index	No specific data.
	A02	
	SureSelect 8bp Index	No specific data.
	B02	
	SureSelect 8bp Index	No specific data.
	C02	
	SureSelect 8bp Index	No specific data.
	D02	
	SureSelect 8bp Index	No specific data.
	E02	
	SureSelect 8bp Index	No specific data.
	F02	
	SureSelect 8bp Index	No specific data.
	G02	
	SureSelect 8bp Index	No specific data.
	H02	

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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 Adaptor	No specific data.
		Oligo Mix	
		SureSelect Primer	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.

4.3 Indication of any immediate medical attention and special treatment needed

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.

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dNTP Mix	immediately if large quantities have been ingested or inhaled. 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 Adaptor Oligo Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect Primer	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.
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 Adaptor Oligo Mix	No specific treatment.
SureSelect Primer	No specific treatment.
SureSelect 8bp Index	No specific treatment.

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

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5.1 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 Adaptor	Use an extinguishing agent suitable for the surrounding fire.
		Oligo Mix	
		SureSelect Primer	Use an extinguishing agent suitable for the surrounding fire.
		SureSelect 8bp Index	Use an extinguishing agent suitable for the surrounding fire.
		A01	
		SureSelect 8bp Index	Use an extinguishing agent suitable for the surrounding fire.
		B01	
		SureSelect 8bp Index	Use an extinguishing agent suitable for the surrounding fire.
		C01	
		SureSelect 8bp Index	Use an extinguishing agent suitable for the surrounding fire.
		D01	
		SureSelect 8bp Index	Use an extinguishing agent suitable for the surrounding fire.
		E01	
		SureSelect 8bp Index	Use an extinguishing agent suitable for the surrounding fire.
		F01	
		SureSelect 8bp Index	Use an extinguishing agent suitable for the surrounding fire.

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	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 Adaptor	None known.
	Oligo Mix	None known.
	SureSelect Primer	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	None known.	

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G02
SureSelect 8bp Index None known.
H02

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture	:	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 Adaptor Oligo Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
		SureSelect Primer	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.
		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.

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Hazardous combustion 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: carbon dioxide carbon monoxide
	dATP	No specific data.
	SureSelect Adaptor Oligo Mix	No specific data.
	SureSelect Primer	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.

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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.

5.3 Advice for firefighters

Special precautions for fire-fighters

: 10X End Repair Buffer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
5X T4 DNA Ligase Buffer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Klenow DNA Polymerase	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
T4 DNA Ligase	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
T4 DNA Polymerase	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
T4 Polynucleotide Kinase	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
dNTP Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
10X Klenow Polymerase Buffer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Exo(-) Klenow	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
dATP	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureSelect Adaptor Oligo 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 Primer	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.

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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 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.
: 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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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. Clothing for fire-fighters (including helmets, protective boots and gloves)

Special protective equipment for fire-fighters

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T4 DNA Polymerase	conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
Exo(-) Klenow	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
dATP	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect Adaptor Oligo Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect Primer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

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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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect 8bp Index E02	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full

SECTION 5: Firefighting measures

SureSelect 8bp Index F02	face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 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 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	No action shall be taken involving any personal risk or

SECTION 6: Accidental release measures

Buffer	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 Adaptor Oligo 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 Primer	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 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.

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	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 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".

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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".
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 Adaptor Oligo 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 Primer	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

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	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 information in "For non-emergency personnel".
SureSelect 8bp Index C02	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".
6.2 Environmental precautions	
: 10X End Repair Buffer	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
5X T4 DNA Ligase Buffer	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Klenow DNA Polymerase	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
T4 DNA Ligase	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
T4 DNA Polymerase	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
T4 Polynucleotide Kinase	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
dNTP Mix	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
10X Klenow Polymerase Buffer	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant

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	authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Exo(-) Klenow	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).
dATP	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Adaptor Oligo Mix	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Primer	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 A01	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 B01	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 C01	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 D01	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 E01	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 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).

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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).

6.3 Methods and material for containment and cleaning up

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

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Exo(-) Klenow	of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste 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 Adaptor Oligo 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 Primer	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. 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	Stop leak if without risk. Move containers from spill area.

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A02	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.

6.4 Reference to other sections : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1 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	Put on appropriate personal protective equipment (see Section 8).

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Buffer	Section 8).
Exo(-) Klenow	Put on appropriate personal protective equipment (see Section 8).
dATP	Put on appropriate personal protective equipment (see Section 8).
SureSelect Adaptor	Put on appropriate personal protective equipment (see Section 8).
Oligo Mix	Put on appropriate personal protective equipment (see Section 8).
SureSelect Primer	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 (see Section 8).
Advice on general occupational hygiene :	10X End Repair Buffer
	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	5X T4 DNA Ligase Buffer
	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	Klenow DNA Polymerase
	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	T4 DNA Ligase
	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating,

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

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SureSelect 8bp Index C01	Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect 8bp Index D01	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 additional information on hygiene measures.
SureSelect 8bp Index	Eating, drinking and smoking should be prohibited in areas

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E02	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.

7.2 Conditions for safe storage, including any incompatibilities

Storage

: 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.
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

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

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SureSelect Adaptor Oligo Mix	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 Primer	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 A01	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.

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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 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

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

7.3 Specific end use(s)

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Recommendations	:	<p>10X End Repair Buffer Industrial applications, Professional applications. 5X T4 DNA Ligase Buffer Industrial applications, Professional applications. Klenow DNA Polymerase Industrial applications, Professional applications. T4 DNA Ligase Industrial applications, Professional applications. T4 DNA Polymerase Industrial applications, Professional applications. T4 Polynucleotide Kinase Industrial applications, Professional applications. dNTP Mix Industrial applications, Professional applications. 10X Klenow Polymerase Buffer Industrial applications, Professional applications. Exo(-) Klenow dATP Industrial applications, Professional applications. SureSelect Adaptor Oligo Mix Industrial applications, Professional applications. SureSelect Primer Industrial applications, Professional applications. SureSelect 8bp Index A01 Industrial applications, Professional applications. SureSelect 8bp Index B01 Industrial applications, Professional applications. SureSelect 8bp Index C01 Industrial applications, Professional applications. SureSelect 8bp Index D01 Industrial applications, Professional applications. SureSelect 8bp Index E01 Industrial applications, Professional applications. SureSelect 8bp Index F01 Industrial applications, Professional applications. SureSelect 8bp Index G01 Industrial applications, Professional applications. SureSelect 8bp Index H01 Industrial applications, Professional applications. SureSelect 8bp Index A02 Industrial applications, Professional applications. SureSelect 8bp Index B02 Industrial applications, Professional applications. SureSelect 8bp Index C02 Industrial applications, Professional applications. SureSelect 8bp Index D02 Industrial applications, Professional applications. SureSelect 8bp Index E02 Industrial applications, Professional applications. SureSelect 8bp Index F02 Industrial applications, Professional applications. SureSelect 8bp Index G02 Industrial applications, Professional applications. SureSelect 8bp Index H02 Industrial applications, Professional applications.</p>
Industrial sector specific solutions	:	<p>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 Adaptor Oligo Mix Not applicable. SureSelect Primer Not applicable. SureSelect 8bp Index Not applicable.</p>

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

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
Klenow DNA Polymerase Glycerol	EH40/2005 WELs (United Kingdom (UK), 12/2011). TWA: 10 mg/m ³ 8 hours. Form: Mist
T4 DNA Ligase Glycerol	EH40/2005 WELs (United Kingdom (UK), 12/2011). TWA: 10 mg/m ³ 8 hours. Form: Mist
T4 DNA Polymerase Glycerol	EH40/2005 WELs (United Kingdom (UK), 12/2011). TWA: 10 mg/m ³ 8 hours. Form: Mist
T4 Polynucleotide Kinase Glycerol	EH40/2005 WELs (United Kingdom (UK), 12/2011). TWA: 10 mg/m ³ 8 hours. Form: Mist
Exo(-) Klenow Glycerol	EH40/2005 WELs (United Kingdom (UK), 12/2011). TWA: 10 mg/m ³ 8 hours. Form: Mist

SECTION 8: Exposure controls/personal protection

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

No DNELs/DMELs available.

PNECs

No PNECs available

8.2 Exposure controls

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

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.

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.

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

SECTION 9: Physical and chemical properties

9.1 Information on basic 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 Adaptor Oligo Mix	Liquid.	
	SureSelect Primer	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.	

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10X Klenow	Not available.
Polymerase Buffer	
Exo(-) Klenow	Not available.
dATP	Not available.
SureSelect Adaptor	Not available.
Oligo Mix	
SureSelect Primer	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.
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 Adaptor	Not available.
Oligo Mix	
SureSelect Primer	Not available.
SureSelect 8bp Index A01	Not available.
SureSelect 8bp Index B01	Not available.
SureSelect 8bp Index C01	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 Adaptor	Not available.
Oligo Mix	
SureSelect Primer	Not available.
SureSelect 8bp Index A01	Not available.
SureSelect 8bp Index B01	Not available.
SureSelect 8bp Index C01	Not available.

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	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 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 Adaptor Oligo Mix	Not available.
	SureSelect Primer	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	Not available.

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SECTION 9: Physical and chemical properties

	B02	
	SureSelect 8bp Index	Not available.
	C02	
	SureSelect 8bp Index	Not available.
	D02	
	SureSelect 8bp Index	Not available.
	E02	
	SureSelect 8bp Index	Not available.
	F02	
	SureSelect 8bp Index	Not available.
	G02	
	SureSelect 8bp Index	Not available.
	H02	
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	7.5
	Polymerase Buffer	
	Exo(-) Klenow	7
	dATP	7 to 8
	SureSelect Adaptor	7.5
	Oligo Mix	
	SureSelect Primer	7.5
	SureSelect 8bp Index	7.5
	A01	
	SureSelect 8bp Index	7.5
	B01	
	SureSelect 8bp Index	7.5
	C01	
	SureSelect 8bp Index	7.5
	D01	
	SureSelect 8bp Index	7.5
	E01	
	SureSelect 8bp Index	7.5
	F01	
	SureSelect 8bp Index	7.5
	G01	
	SureSelect 8bp Index	7.5
	H01	
	SureSelect 8bp Index	7.5
	A02	
	SureSelect 8bp Index	7.5
	B02	
	SureSelect 8bp Index	7.5
	C02	
	SureSelect 8bp Index	7.5
	D02	
	SureSelect 8bp Index	7.5
	E02	
	SureSelect 8bp Index	7.5
	F02	
	SureSelect 8bp Index	7.5
	G02	
	SureSelect 8bp Index	7.5
	H02	

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SECTION 9: Physical and chemical properties

Melting point/freezing 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	
		10X Klenow Polymerase Buffer	Not available.	
		Exo(-) Klenow	Not available.	
		dATP	0°C	
		SureSelect Adaptor	0°C	
		Oligo Mix		
		SureSelect Primer	0°C	
		SureSelect 8bp Index A01	0°C	
		SureSelect 8bp Index B01	0°C	
		SureSelect 8bp Index C01	0°C	
		SureSelect 8bp Index D01	0°C	
		SureSelect 8bp Index E01	0°C	
		SureSelect 8bp Index F01	0°C	
		SureSelect 8bp Index G01	0°C	
		SureSelect 8bp Index H01	0°C	
		SureSelect 8bp Index A02	0°C	
		SureSelect 8bp Index B02	0°C	
		SureSelect 8bp Index C02	0°C	
		SureSelect 8bp Index D02	0°C	
		SureSelect 8bp Index E02	0°C	
		SureSelect 8bp Index F02	0°C	
		SureSelect 8bp Index G02	0°C	
		SureSelect 8bp Index H02	0°C	
	Initial boiling point and boiling range	:	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	
		10X Klenow Polymerase Buffer	Not available.	
		Exo(-) Klenow	Not available.	

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SECTION 9: Physical and chemical properties

dATP	100°C
SureSelect Adaptor	100°C
Oligo Mix	
SureSelect Primer	100°C
SureSelect 8bp Index	100°C
A01	
SureSelect 8bp Index	100°C
B01	
SureSelect 8bp Index	100°C
C01	
SureSelect 8bp Index	100°C
D01	
SureSelect 8bp Index	100°C
E01	
SureSelect 8bp Index	100°C
F01	
SureSelect 8bp Index	100°C
G01	
SureSelect 8bp Index	100°C
H01	
SureSelect 8bp Index	100°C
A02	
SureSelect 8bp Index	100°C
B02	
SureSelect 8bp Index	100°C
C02	
SureSelect 8bp Index	100°C
D02	
SureSelect 8bp Index	100°C
E02	
SureSelect 8bp Index	100°C
F02	
SureSelect 8bp Index	100°C
G02	
SureSelect 8bp Index	100°C
H02	
Flash point	:
10X End Repair Buffer	Not available.
5X T4 DNA Ligase Buffer	Not available.
Klenow DNA Polymerase	Not available.
T4 DNA Ligase	Not available.
T4 DNA Polymerase	Not available.
T4 Polynucleotide Kinase	Not available.
dNTP Mix	Not available.
10X Klenow Polymerase Buffer	Not available.
Exo(-) Klenow	Not available.
dATP	Not available.
SureSelect Adaptor	Not available.
Oligo Mix	
SureSelect Primer	Not available.
SureSelect 8bp Index	Not available.
A01	
SureSelect 8bp Index	Not available.
B01	
SureSelect 8bp Index	Not available.
C01	
SureSelect 8bp Index	Not available.
D01	
SureSelect 8bp Index	Not available.

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SECTION 9: Physical and chemical properties

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

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SECTION 9: Physical and chemical properties

	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 Adaptor Oligo Mix	Not applicable.
	SureSelect Primer	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.

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SECTION 9: Physical and chemical properties

Upper/lower flammability or explosive 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 Adaptor Oligo Mix	Not available.	
		SureSelect Primer	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.	

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SECTION 9: Physical and chemical properties

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

Vapour density

: 10X End Repair Buffer	Not available.
5X T4 DNA Ligase Buffer	Not available.
Klenow DNA Polymerase	Not available.
T4 DNA Ligase	Not available.
T4 DNA Polymerase	Not available.
T4 Polynucleotide Kinase	Not available.
dNTP Mix	Not available.
10X Klenow Polymerase Buffer	Not available.
Exo(-) Klenow	Not available.
dATP	Not available.
SureSelect Adaptor	Not available.
Oligo Mix	
SureSelect Primer	Not available.
SureSelect 8bp Index	Not available.
A01	
SureSelect 8bp Index	Not available.
B01	
SureSelect 8bp Index	Not available.
C01	
SureSelect 8bp Index	Not available.
D01	
SureSelect 8bp Index	Not available.

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SECTION 9: Physical and chemical properties

	E01	
	SureSelect 8bp Index	Not available.
	F01	
	SureSelect 8bp Index	Not available.
	G01	
	SureSelect 8bp Index	Not available.
	H01	
	SureSelect 8bp Index	Not available.
	A02	
	SureSelect 8bp Index	Not available.
	B02	
	SureSelect 8bp Index	Not available.
	C02	
	SureSelect 8bp Index	Not available.
	D02	
	SureSelect 8bp Index	Not available.
	E02	
	SureSelect 8bp Index	Not available.
	F02	
	SureSelect 8bp Index	Not available.
	G02	
	SureSelect 8bp Index	Not available.
	H02	
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 Adaptor Oligo Mix	Not available.
	SureSelect Primer	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.

SECTION 9: Physical and chemical properties

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(ies)

: 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 Adaptor Oligo Mix	Easily soluble in the following materials: cold water and hot water.
SureSelect Primer	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	Easily soluble in the following materials: cold water and

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SECTION 9: Physical and chemical properties

	F02	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.
Partition coefficient: n-octanol/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 Adaptor Oligo Mix	Not available.
	SureSelect Primer	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.
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	Not available.

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SECTION 9: Physical and chemical properties

Kinase		
dNTP Mix	Not available.	
10X Klenow	Not available.	
Polymerase Buffer		
Exo(-) Klenow	Not available.	
dATP	Not available.	
SureSelect Adaptor	Not available.	
Oligo Mix		
SureSelect Primer	Not available.	
SureSelect 8bp Index	Not available.	
A01		
SureSelect 8bp Index	Not available.	
B01		
SureSelect 8bp Index	Not available.	
C01		
SureSelect 8bp Index	Not available.	
D01		
SureSelect 8bp Index	Not available.	
E01		
SureSelect 8bp Index	Not available.	
F01		
SureSelect 8bp Index	Not available.	
G01		
SureSelect 8bp Index	Not available.	
H01		
SureSelect 8bp Index	Not available.	
A02		
SureSelect 8bp Index	Not available.	
B02		
SureSelect 8bp Index	Not available.	
C02		
SureSelect 8bp Index	Not available.	
D02		
SureSelect 8bp Index	Not available.	
E02		
SureSelect 8bp Index	Not available.	
F02		
SureSelect 8bp Index	Not available.	
G02		
SureSelect 8bp Index	Not available.	
H02		
Decomposition temperature	: 10X End Repair Buffer	Not available.
	5X T4 DNA Ligase	Not available.
	Buffer	
	Klenow DNA	Not available.
	Polymerase	
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide	Not available.
	Kinase	
	dNTP Mix	Not available.
	10X Klenow	Not available.
	Polymerase Buffer	
	Exo(-) Klenow	Not available.
	dATP	Not available.
	SureSelect Adaptor	Not available.
	Oligo Mix	
	SureSelect Primer	Not available.
	SureSelect 8bp Index	Not available.
	A01	
	SureSelect 8bp Index	Not available.
	B01	

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SECTION 9: Physical and chemical properties

	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 Adaptor Oligo Mix	Not available.
	SureSelect Primer	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	Not available.

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SECTION 9: Physical and chemical properties

	A02	
	SureSelect 8bp Index	Not available.
	B02	
	SureSelect 8bp Index	Not available.
	C02	
	SureSelect 8bp Index	Not available.
	D02	
	SureSelect 8bp Index	Not available.
	E02	
	SureSelect 8bp Index	Not available.
	F02	
	SureSelect 8bp Index	Not available.
	G02	
	SureSelect 8bp Index	Not available.
	H02	
Explosive properties	: 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 Adaptor Oligo Mix	Not available.
	SureSelect Primer	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.

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SECTION 9: Physical and chemical properties

SureSelect 8bp Index H02 Not available.

Oxidising properties

: 10X End Repair Buffer Not available.
5X T4 DNA Ligase Not available.
Buffer
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 Adaptor Oligo Mix Not available.
SureSelect Primer 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.

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity

10.1 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 Adaptor Oligo Mix	No specific test data related to reactivity available for this product or its ingredients.
		SureSelect Primer	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.

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SECTION 10: Stability and reactivity

10.2 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 Adaptor	The product is stable.
		Oligo Mix	
		SureSelect Primer	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.
10.3 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	Under normal conditions of storage and use, hazardous

SECTION 10: Stability and reactivity

Buffer	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 Adaptor	Under normal conditions of storage and use, hazardous reactions will not occur.
Oligo Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Primer	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.

10.4 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 Adaptor	No specific data.
	Oligo Mix	No specific data.
	SureSelect Primer	No specific data.
	SureSelect 8bp Index A01	No specific data.
	SureSelect 8bp Index B01	No specific data.
	SureSelect 8bp Index C01	No specific data.

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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.

10.5 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 dATP	May react or be incompatible with oxidising materials.
SureSelect Adaptor Oligo Mix	May react or be incompatible with oxidising materials.
SureSelect Primer	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	May react or be incompatible with oxidising materials.

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B02 SureSelect 8bp Index	May react or be incompatible with oxidising materials.
C02 SureSelect 8bp Index	May react or be incompatible with oxidising materials.
D02 SureSelect 8bp Index	May react or be incompatible with oxidising materials.
E02 SureSelect 8bp Index	May react or be incompatible with oxidising materials.
F02 SureSelect 8bp Index	May react or be incompatible with oxidising materials.
G02 SureSelect 8bp Index	May react or be incompatible with oxidising materials.
H02 SureSelect 8bp Index	May react or be incompatible with oxidising materials.

10.6 Hazardous decomposition products

: 10X End Repair Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
5X T4 DNA Ligase Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Klenow DNA Polymerase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
T4 DNA Ligase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
T4 DNA Polymerase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
T4 Polynucleotide Kinase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
dNTP Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
10X Klenow Polymerase 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 Adaptor Oligo Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Primer	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.
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.

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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

11.1 Information on toxicological effects

Acute toxicity

Not available.

Acute toxicity estimates

Route	ATE value
10X End Repair Buffer Oral	32467.5 mg/kg

Irritation/Corrosion

Conclusion/Summary : Not available.

Sensitiser

Conclusion/Summary : Not available.

Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
10X End Repair Buffer 2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	Category 3	Not applicable.	Respiratory tract irritation
(R*,R*)-1,4-Dimercaptobutane-2,3-diol	Category 3	Not applicable.	Respiratory tract irritation
5X T4 DNA Ligase Buffer 2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	Category 3	Not applicable.	Respiratory tract irritation
10X Klenow Polymerase Buffer 2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	Category 3	Not applicable.	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure

10X End Repair Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
5X T4 DNA Ligase Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
Klenow DNA Polymerase	Routes of entry anticipated: Oral, Dermal, Inhalation.
T4 DNA Ligase	Routes of entry anticipated: Oral, Dermal, Inhalation.
T4 DNA Polymerase	Routes of entry anticipated: Oral, Dermal, Inhalation.
T4 Polynucleotide Kinase	Routes of entry anticipated: Oral, Dermal, Inhalation.
dNTP Mix	Not available.
10X Klenow Polymerase Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
Exo(-) Klenow dATP	Routes of entry anticipated: Oral, Dermal, Inhalation.
SureSelect Adaptor	Not available.

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Oligo Mix	
SureSelect Primer	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

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 Adaptor	No known significant effects or critical hazards.
		Oligo Mix	
		SureSelect Primer	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.

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	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 Adaptor	No known significant effects or critical hazards.
	Oligo Mix	
	SureSelect Primer	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	No known significant effects or critical hazards.

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	F02	
	SureSelect 8bp Index	No known significant effects or critical hazards.
	G02	
	SureSelect 8bp Index	No known significant effects or critical hazards.
	H02	
Skin contact	: 10X End Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase	No known significant effects or critical hazards.
	T4 Polynucleotide Kinase	No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.
	10X Klenow Polymerase	No known significant effects or critical hazards.
	Buffer	
	Exo(-) Klenow	No known significant effects or critical hazards.
	dATP	No known significant effects or critical hazards.
	SureSelect Adaptor	No known significant effects or critical hazards.
	Oligo Mix	
	SureSelect Primer	No known significant effects or critical hazards.
	SureSelect 8bp Index	No known significant effects or critical hazards.
	A01	
	SureSelect 8bp Index	No known significant effects or critical hazards.
	B01	
	SureSelect 8bp Index	No known significant effects or critical hazards.
	C01	
	SureSelect 8bp Index	No known significant effects or critical hazards.
	D01	
	SureSelect 8bp Index	No known significant effects or critical hazards.
	E01	
	SureSelect 8bp Index	No known significant effects or critical hazards.
	F01	
	SureSelect 8bp Index	No known significant effects or critical hazards.
	G01	
	SureSelect 8bp Index	No known significant effects or critical hazards.
	H01	
	SureSelect 8bp Index	No known significant effects or critical hazards.
	A02	
	SureSelect 8bp Index	No known significant effects or critical hazards.
	B02	
	SureSelect 8bp Index	No known significant effects or critical hazards.
	C02	
	SureSelect 8bp Index	No known significant effects or critical hazards.
	D02	
	SureSelect 8bp Index	No known significant effects or critical hazards.
	E02	
	SureSelect 8bp Index	No known significant effects or critical hazards.
	F02	
	SureSelect 8bp Index	No known significant effects or critical hazards.
	G02	
	SureSelect 8bp Index	No known significant effects or critical hazards.
	H02	
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	No known significant effects or critical hazards.
	Buffer	
	Exo(-) Klenow	No known significant effects or critical hazards.

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dATP	No known significant effects or critical hazards.
SureSelect Adaptor	No known significant effects or critical hazards.
Oligo Mix	
SureSelect Primer	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.

Symptoms related to the physical, chemical and toxicological characteristics

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 Adaptor	No specific data.
		Oligo Mix	
		SureSelect Primer	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.

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	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 Adaptor	No specific data.
	Oligo Mix	No specific data.
	SureSelect Primer	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	No specific data.

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

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Buffer	
Exo(-) Klenow	No specific data.
dATP	No specific data.
SureSelect Adaptor	No specific data.
Oligo Mix	
SureSelect Primer	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

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	No known significant effects or critical hazards.

SECTION 11: Toxicological information

	Buffer	
	Exo(-) Klenow	No known significant effects or critical hazards.
	dATP	No known significant effects or critical hazards.
	SureSelect Adaptor	No known significant effects or critical hazards.
	Oligo Mix	
	SureSelect Primer	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.
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 Adaptor	No known significant effects or critical hazards.
	Oligo Mix	
	SureSelect Primer	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	No known significant effects or critical hazards.

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

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	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 Adaptor	No known significant effects or critical hazards.
	Oligo Mix	
	SureSelect Primer	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.
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.

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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 Adaptor	No known significant effects or critical hazards.
Oligo Mix	
SureSelect Primer	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 Adaptor	No known significant effects or critical hazards.
Oligo Mix	
SureSelect Primer	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.

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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 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
10X End Repair Buffer (R*,R*)-1, 4-Dimercaptobutane-2,3-diol	Acute LC50 27000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours

12.2 Persistence and degradability

Not available.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

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

Mobility : Not available.

12.5 Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB : Not applicable.

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

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Methods of disposal : 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.

Hazardous waste : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

Packaging

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions : 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

ADR/RID / IMDG / IATA : Not regulated.

Additional information

14.6 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.

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

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	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 Adaptor Oligo Mix	Not applicable.
	SureSelect Primer	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.	

SECTION 15: Regulatory information

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 EU regulations

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

Seveso Directive

This product is not controlled under the Seveso Directive.

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	: Not determined.
China	: All components are listed or exempted.
Europe	: All components are listed or exempted.
Japan	: 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	: All components are listed or exempted.
Thailand	: Not determined.
Turkey	: Not determined.
United States	: All components are listed or exempted.
Viet Nam	: Not determined.

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SECTION 15: Regulatory information

15.2 Chemical safety assessment : This product contains substances for which Chemical Safety Assessments might still be required.

SECTION 16: Other information

✓ Indicates information that has changed from previously issued version.

Abbreviations and acronyms : ATE = Acute Toxicity Estimate
 CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
 DNEL = Derived No Effect Level
 EUH statement = CLP-specific Hazard statement
 PNEC = Predicted No Effect Concentration
 RRN = REACH Registration Number

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Not classified.	

Full text of abbreviated H statements

10X End Repair Buffer H302 H315 H319 H335 H412	Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Harmful to aquatic life with long lasting effects.
5X T4 DNA Ligase Buffer H315 H319 H335	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.
10X Klenow Polymerase Buffer H315 H319 H335	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

Full text of classifications [CLP/GHS]

10X End Repair Buffer Acute Tox. 4, H302 Aquatic Chronic 3, H412 Eye Irrit. 2, H319 Skin Irrit. 2, H315 STOT SE 3, H335	ACUTE TOXICITY (oral) - Category 4 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 SKIN CORROSION/IRRITATION - Category 2 SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Respiratory tract irritation) - Category 3
5X T4 DNA Ligase Buffer Eye Irrit. 2, H319 Skin Irrit. 2, H315 STOT SE 3, H335	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 SKIN CORROSION/IRRITATION - Category 2 SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Respiratory tract irritation) - Category 3
10X Klenow Polymerase Buffer Eye Irrit. 2, H319 Skin Irrit. 2, H315 STOT SE 3, H335	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 SKIN CORROSION/IRRITATION - Category 2 SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Respiratory tract irritation) - Category 3

Date of issue/ Date of revision : 17/11/2017

Date of previous issue : No previous validation.

Version : 1

Date of issue/Date of revision : 17/11/2017

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SECTION 16: Other information

Notice to reader

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