

SAFETY DATA SHEET



SureSelect XT Library Prep Kit-S4 - 96 Reactions, Part Number 5500-0078

Section 1. Identification

Product identifier	: SureSelect XT Library Prep Kit-S4 - 96 Reactions, Part Number 5500-0078
Part No. (Chemical Kit)	: 5500-0078
Part No.	: 10X End-Repair Buffer 5190-3200
	5X T4 DNA Ligase Buffer 5190-3201
	Klenow DNA Polymerase 5190-3204
	T4 DNA Ligase 5190-3202
	T4 DNA Polymerase 5190-3203
	T4 Polynucleotide Kinase 5190-3205
	dNTP Mix 5190-3206
	PCR Primer Index 7 5190-3207
	SureSelect XT LT BC2 5190-3208
	SureSelect XT LT BC3 5190-3209
	SureSelect XT LT BC4 5190-3210
	SureSelect XT LT BC5 5190-3211
	SureSelect XT LT BC6 5190-3212
	SureSelect XT LT BC7 5190-3213
	SureSelect XT LT BC8 5190-3214
	SureSelect XT LT BC9 5190-3215
	SureSelect XT LT BC10 5190-3216
	SureSelect XT LT BC11 5190-3217
	SureSelect XT LT BC12 5190-3218
	SureSelect XT LT BC13 5190-3219
	SureSelect XT LT BC14 5190-3220
	SureSelect XT LT BC15 5190-3221
	SureSelect XT LT BC16 5190-3222
	SureSelect XT S4 P1 5190-3223
	SureSelect XT S4 IA 5190-3224
	SureSelect AB Pre Capture Primer 5190-3225

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

Analytical reagent.

10X End-Repair Buffer	1.2 ml (96 reactions)
5X T4 DNA Ligase Buffer	2.4 ml (96 reactions)
Klenow DNA Polymerase	0.12 ml (96 reactions)
T4 DNA Ligase	0.18 ml
T4 DNA Polymerase	0.12 ml (96 reactions)
T4 Polynucleotide Kinase	0.21 ml (96 reactions)
dNTP Mix	0.2 ml (96 reactions)
PCR Primer Index 7	0.03 ml (96 reactions)
SureSelect XT LT BC2	0.03 ml (96 reactions)
SureSelect XT LT BC3	0.005 - 0.15 ml (96 reactions)
SureSelect XT LT BC4	0.03 ml (96 reactions)
SureSelect XT LT BC5	0.03 ml (96 reactions)
SureSelect XT LT BC6	0.005 - 0.15 ml (96 reactions)
SureSelect XT LT BC7	0.03 ml (96 reactions)
SureSelect XT LT BC8	0.03 ml (96 reactions)
SureSelect XT LT BC9	0.03 ml (96 reactions)
SureSelect XT LT BC10	0.03 ml (96 reactions)
SureSelect XT LT BC11	0.03 ml (96 reactions)
SureSelect XT LT BC12	0.03 ml (96 reactions)
SureSelect XT LT BC13	0.03 ml (96 reactions)
SureSelect XT LT BC14	0.03 ml (96 reactions)
SureSelect XT LT BC15	0.03 ml (96 reactions)
SureSelect XT LT BC16	0.03 ml (96 reactions)
SureSelect XT S4 P1	3.1 ml (96 reactions)
SureSelect XT S4 IA	3.1 ml (96 reactions)

Section 1. Identification

SureSelect AB Pre Capture Primer

0.48 ml (96 reactions)

Supplier/Manufacturer : Agilent Technologies Australia Pty Ltd
679 Springvale Road
Mulgrave
Victoria 3170, Australia
1800 802 402

Emergency telephone number (with hours of operation) : CHEMTREC®: +(61)-290372994

Section 2. Hazard(s) identification

Classification of the substance or mixture

Not classified.

10X End-Repair Buffer	Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 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% 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 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: 5.7%

GHS label elements

Signal word	: 10X End-Repair Buffer	No signal word.
	5X T4 DNA Ligase Buffer	No signal word.
	Klenow DNA Polymerase	No signal word.
	T4 DNA Ligase	No signal word.
	T4 DNA Polymerase	No signal word.
	T4 Polynucleotide Kinase	No signal word.
	dNTP Mix	No signal word.
	PCR Primer Index 7	No signal word.
	SureSelect XT LT BC2	No signal word.
	SureSelect XT LT BC3	No signal word.
	SureSelect XT LT BC4	No signal word.

Section 2. Hazard(s) identification

	SureSelect XT LT BC5	No signal word.
	SureSelect XT LT BC6	No signal word.
	SureSelect XT LT BC7	No signal word.
	SureSelect XT LT BC8	No signal word.
	SureSelect XT LT BC9	No signal word.
	SureSelect XT LT BC10	No signal word.
	SureSelect XT LT BC11	No signal word.
	SureSelect XT LT BC12	No signal word.
	SureSelect XT LT BC13	No signal word.
	SureSelect XT LT BC14	No signal word.
	SureSelect XT LT BC15	No signal word.
	SureSelect XT LT BC16	No signal word.
	SureSelect XT S4 P1	No signal word.
	SureSelect XT S4 IA	No signal word.
	SureSelect AB Pre Capture Primer	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.
	PCR Primer Index 7	No known significant effects or critical hazards.
	SureSelect XT LT BC2	No known significant effects or critical hazards.
	SureSelect XT LT BC3	No known significant effects or critical hazards.
	SureSelect XT LT BC4	No known significant effects or critical hazards.
	SureSelect XT LT BC5	No known significant effects or critical hazards.
	SureSelect XT LT BC6	No known significant effects or critical hazards.
	SureSelect XT LT BC7	No known significant effects or critical hazards.
	SureSelect XT LT BC8	No known significant effects or critical hazards.
	SureSelect XT LT BC9	No known significant effects or critical hazards.
	SureSelect XT LT BC10	No known significant effects or critical hazards.
	SureSelect XT LT BC11	No known significant effects or critical hazards.
	SureSelect XT LT BC12	No known significant effects or critical hazards.
	SureSelect XT LT BC13	No known significant effects or critical hazards.
	SureSelect XT LT BC14	No known significant effects or critical hazards.
	SureSelect XT LT BC15	No known significant effects or critical hazards.
	SureSelect XT LT BC16	No known significant effects or critical hazards.
	SureSelect XT S4 P1	No known significant effects or critical hazards.
	SureSelect XT S4 IA	No known significant effects or critical hazards.
	SureSelect AB Pre Capture Primer	No known significant effects or critical hazards.
Precautionary statements		
Prevention	: 10X End-Repair Buffer	Not applicable.
	5X T4 DNA Ligase Buffer	Not applicable.
	Klenow DNA Polymerase	Not applicable.
	T4 DNA Ligase	Not applicable.
	T4 DNA Polymerase	Not applicable.
	T4 Polynucleotide Kinase	Not applicable.
	dNTP Mix	Not applicable.
	PCR Primer Index 7	Not applicable.
	SureSelect XT LT BC2	Not applicable.
	SureSelect XT LT BC3	Not applicable.
	SureSelect XT LT BC4	Not applicable.
	SureSelect XT LT BC5	Not applicable.
	SureSelect XT LT BC6	Not applicable.
	SureSelect XT LT BC7	Not applicable.
	SureSelect XT LT BC8	Not applicable.
	SureSelect XT LT BC9	Not applicable.
	SureSelect XT LT BC10	Not applicable.
	SureSelect XT LT BC11	Not applicable.
	SureSelect XT LT BC12	Not applicable.

Section 2. Hazard(s) identification

	SureSelect XT LT BC13	Not applicable.
	SureSelect XT LT BC14	Not applicable.
	SureSelect XT LT BC15	Not applicable.
	SureSelect XT LT BC16	Not applicable.
	SureSelect XT S4 P1	Not applicable.
	SureSelect XT S4 IA	Not applicable.
	SureSelect AB Pre Capture Primer	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.
	PCR Primer Index 7	Not applicable.
	SureSelect XT LT BC2	Not applicable.
	SureSelect XT LT BC3	Not applicable.
	SureSelect XT LT BC4	Not applicable.
	SureSelect XT LT BC5	Not applicable.
	SureSelect XT LT BC6	Not applicable.
	SureSelect XT LT BC7	Not applicable.
	SureSelect XT LT BC8	Not applicable.
	SureSelect XT LT BC9	Not applicable.
	SureSelect XT LT BC10	Not applicable.
	SureSelect XT LT BC11	Not applicable.
	SureSelect XT LT BC12	Not applicable.
	SureSelect XT LT BC13	Not applicable.
	SureSelect XT LT BC14	Not applicable.
	SureSelect XT LT BC15	Not applicable.
	SureSelect XT LT BC16	Not applicable.
	SureSelect XT S4 P1	Not applicable.
	SureSelect XT S4 IA	Not applicable.
	SureSelect AB Pre Capture Primer	Not applicable.
Storage	: 10X End-Repair Buffer	Not applicable.
	5X T4 DNA Ligase Buffer	Not applicable.
	Klenow DNA Polymerase	Not applicable.
	T4 DNA Ligase	Not applicable.
	T4 DNA Polymerase	Not applicable.
	T4 Polynucleotide Kinase	Not applicable.
	dNTP Mix	Not applicable.
	PCR Primer Index 7	Not applicable.
	SureSelect XT LT BC2	Not applicable.
	SureSelect XT LT BC3	Not applicable.
	SureSelect XT LT BC4	Not applicable.
	SureSelect XT LT BC5	Not applicable.
	SureSelect XT LT BC6	Not applicable.
	SureSelect XT LT BC7	Not applicable.
	SureSelect XT LT BC8	Not applicable.
	SureSelect XT LT BC9	Not applicable.
	SureSelect XT LT BC10	Not applicable.
	SureSelect XT LT BC11	Not applicable.
	SureSelect XT LT BC12	Not applicable.
	SureSelect XT LT BC13	Not applicable.
	SureSelect XT LT BC14	Not applicable.
	SureSelect XT LT BC15	Not applicable.
	SureSelect XT LT BC16	Not applicable.
	SureSelect XT S4 P1	Not applicable.
	SureSelect XT S4 IA	Not applicable.
	SureSelect AB Pre Capture Primer	Not applicable.

Section 2. Hazard(s) identification

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.
		PCR Primer Index 7	Not applicable.
		SureSelect XT LT BC2	Not applicable.
		SureSelect XT LT BC3	Not applicable.
		SureSelect XT LT BC4	Not applicable.
		SureSelect XT LT BC5	Not applicable.
		SureSelect XT LT BC6	Not applicable.
		SureSelect XT LT BC7	Not applicable.
		SureSelect XT LT BC8	Not applicable.
		SureSelect XT LT BC9	Not applicable.
		SureSelect XT LT BC10	Not applicable.
		SureSelect XT LT BC11	Not applicable.
		SureSelect XT LT BC12	Not applicable.
		SureSelect XT LT BC13	Not applicable.
		SureSelect XT LT BC14	Not applicable.
		SureSelect XT LT BC15	Not applicable.
		SureSelect XT LT BC16	Not applicable.
		SureSelect XT S4 P1	Not applicable.
		SureSelect XT S4 IA	Not applicable.
		SureSelect AB Pre Capture Primer	Not applicable.

Supplemental label elements

Additional warning phrases	:	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.
		PCR Primer Index 7	Not applicable.
		SureSelect XT LT BC2	Not applicable.
		SureSelect XT LT BC3	Not applicable.
		SureSelect XT LT BC4	Not applicable.
		SureSelect XT LT BC5	Not applicable.
		SureSelect XT LT BC6	Not applicable.
		SureSelect XT LT BC7	Not applicable.
		SureSelect XT LT BC8	Not applicable.
		SureSelect XT LT BC9	Not applicable.
		SureSelect XT LT BC10	Not applicable.
		SureSelect XT LT BC11	Not applicable.
		SureSelect XT LT BC12	Not applicable.
		SureSelect XT LT BC13	Not applicable.
		SureSelect XT LT BC14	Not applicable.
		SureSelect XT LT BC15	Not applicable.
		SureSelect XT LT BC16	Not applicable.
		SureSelect XT S4 P1	Not applicable.
		SureSelect XT S4 IA	Not applicable.
		SureSelect AB Pre Capture Primer	Not applicable.

Section 2. Hazard(s) identification

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.
		PCR Primer Index 7	None known.
		SureSelect XT LT BC2	None known.
		SureSelect XT LT BC3	None known.
		SureSelect XT LT BC4	None known.
		SureSelect XT LT BC5	None known.
		SureSelect XT LT BC6	None known.
		SureSelect XT LT BC7	None known.
		SureSelect XT LT BC8	None known.
		SureSelect XT LT BC9	None known.
		SureSelect XT LT BC10	None known.
		SureSelect XT LT BC11	None known.
		SureSelect XT LT BC12	None known.
		SureSelect XT LT BC13	None known.
		SureSelect XT LT BC14	None known.
		SureSelect XT LT BC15	None known.
		SureSelect XT LT BC16	None known.
		SureSelect XT S4 P1	None known.
		SureSelect XT S4 IA	None known.
		SureSelect AB Pre Capture Primer	None known.

Section 3. Composition and ingredient information

Substance/mixture	:	10X End-Repair Buffer	Mixture
		5X T4 DNA Ligase Buffer	Mixture
		Klenow DNA Polymerase	Mixture
		T4 DNA Ligase	Mixture
		T4 DNA Polymerase	Mixture
		T4 Polynucleotide Kinase	Mixture
		dNTP Mix	Mixture
		PCR Primer Index 7	Mixture
		SureSelect XT LT BC2	Mixture
		SureSelect XT LT BC3	Mixture
		SureSelect XT LT BC4	Mixture
		SureSelect XT LT BC5	Mixture
		SureSelect XT LT BC6	Mixture
		SureSelect XT LT BC7	Mixture
		SureSelect XT LT BC8	Mixture
		SureSelect XT LT BC9	Mixture
		SureSelect XT LT BC10	Mixture
		SureSelect XT LT BC11	Mixture
		SureSelect XT LT BC12	Mixture
		SureSelect XT LT BC13	Mixture
		SureSelect XT LT BC14	Mixture
		SureSelect XT LT BC15	Mixture
		SureSelect XT LT BC16	Mixture
		SureSelect XT S4 P1	Mixture
		SureSelect XT S4 IA	Mixture
		SureSelect AB Pre Capture Primer	Mixture

CAS number/other identifiers

Section 3. Composition and ingredient information

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

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

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

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	: 10X End-Repair Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	5X T4 DNA Ligase Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	Klenow DNA Polymerase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	T4 DNA Ligase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	T4 DNA Polymerase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	T4 Polynucleotide Kinase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	dNTP Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	PCR Primer Index 7	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 XT LT BC2	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 XT LT BC3	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.

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	Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect XT LT BC4	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 XT LT BC5	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 XT LT BC6	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 XT LT BC7	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 XT LT BC8	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 XT LT BC9	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 XT LT BC10	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 XT LT BC11	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 XT LT BC12	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 XT LT BC13	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 XT LT BC14	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 XT LT BC15	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 XT LT BC16	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 XT S4 P1	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 XT S4 IA	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 AB Pre Capture	Immediately flush eyes with plenty of water,

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	Primer	occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	: 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.
	PCR Primer Index 7	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect XT LT BC2	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect XT LT BC3	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect XT LT BC4	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect XT LT BC5	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect XT LT BC6	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect XT LT BC7	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect XT LT BC8	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect XT LT BC9	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect XT LT BC10	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

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SureSelect XT LT BC11	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect XT LT BC12	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect XT LT BC13	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect XT LT BC14	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect XT LT BC15	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect XT LT BC16	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect XT S4 P1	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect XT S4 IA	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect AB Pre Capture Primer	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.
PCR Primer Index 7	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC2	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC3	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC4	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC5	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

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SureSelect XT LT BC6	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC7	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC8	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC9	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC10	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC11	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC12	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC13	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC14	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC15	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC16	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT S4 P1	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT S4 IA	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect AB Pre Capture Primer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion

: 10X End-Repair Buffer	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
5X T4 DNA Ligase Buffer	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Klenow DNA Polymerase	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

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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.
PCR Primer Index 7	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 XT LT BC2	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 XT LT BC3	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 XT LT BC4	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 XT LT BC5	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

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SureSelect XT LT BC6	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 XT LT BC7	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 XT LT BC8	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 XT LT BC9	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 XT LT BC10	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 XT LT BC11	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 XT LT BC12	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 XT LT BC13	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 XT LT BC14	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Section 4. First aid measures

SureSelect XT LT BC15	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 XT LT BC16	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 XT S4 P1	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 XT S4 IA	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 AB Pre Capture 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.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	: 10X End-Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix PCR Primer Index 7 SureSelect XT LT BC2 SureSelect XT LT BC3 SureSelect XT LT BC4 SureSelect XT LT BC5 SureSelect XT LT BC6 SureSelect XT LT BC7 SureSelect XT LT BC8 SureSelect XT LT BC9 SureSelect XT LT BC10 SureSelect XT LT BC11 SureSelect XT LT BC12 SureSelect XT LT BC13 SureSelect XT LT BC14 SureSelect XT LT BC15 SureSelect XT LT BC16 SureSelect XT S4 P1	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
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	SureSelect XT S4 IA	No known significant effects or critical hazards.
	SureSelect AB Pre Capture Primer	No known significant effects or critical hazards.
Inhalation	: 10X End-Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase	No known significant effects or critical hazards.
	T4 Polynucleotide Kinase	No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.
	PCR Primer Index 7	No known significant effects or critical hazards.
	SureSelect XT LT BC2	No known significant effects or critical hazards.
	SureSelect XT LT BC3	No known significant effects or critical hazards.
	SureSelect XT LT BC4	No known significant effects or critical hazards.
	SureSelect XT LT BC5	No known significant effects or critical hazards.
	SureSelect XT LT BC6	No known significant effects or critical hazards.
	SureSelect XT LT BC7	No known significant effects or critical hazards.
	SureSelect XT LT BC8	No known significant effects or critical hazards.
	SureSelect XT LT BC9	No known significant effects or critical hazards.
	SureSelect XT LT BC10	No known significant effects or critical hazards.
	SureSelect XT LT BC11	No known significant effects or critical hazards.
	SureSelect XT LT BC12	No known significant effects or critical hazards.
	SureSelect XT LT BC13	No known significant effects or critical hazards.
	SureSelect XT LT BC14	No known significant effects or critical hazards.
	SureSelect XT LT BC15	No known significant effects or critical hazards.
	SureSelect XT LT BC16	No known significant effects or critical hazards.
	SureSelect XT S4 P1	No known significant effects or critical hazards.
	SureSelect XT S4 IA	No known significant effects or critical hazards.
	SureSelect AB Pre Capture Primer	No known significant effects or critical hazards.
Skin contact	: 10X End-Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase	No known significant effects or critical hazards.
	T4 Polynucleotide Kinase	No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.
	PCR Primer Index 7	No known significant effects or critical hazards.
	SureSelect XT LT BC2	No known significant effects or critical hazards.
	SureSelect XT LT BC3	No known significant effects or critical hazards.
	SureSelect XT LT BC4	No known significant effects or critical hazards.
	SureSelect XT LT BC5	No known significant effects or critical hazards.
	SureSelect XT LT BC6	No known significant effects or critical hazards.
	SureSelect XT LT BC7	No known significant effects or critical hazards.
	SureSelect XT LT BC8	No known significant effects or critical hazards.
	SureSelect XT LT BC9	No known significant effects or critical hazards.
	SureSelect XT LT BC10	No known significant effects or critical hazards.
	SureSelect XT LT BC11	No known significant effects or critical hazards.
	SureSelect XT LT BC12	No known significant effects or critical hazards.
	SureSelect XT LT BC13	No known significant effects or critical hazards.
	SureSelect XT LT BC14	No known significant effects or critical hazards.
	SureSelect XT LT BC15	No known significant effects or critical hazards.
	SureSelect XT LT BC16	No known significant effects or critical hazards.
	SureSelect XT S4 P1	No known significant effects or critical hazards.
	SureSelect XT S4 IA	No known significant effects or critical hazards.
	SureSelect AB Pre Capture Primer	No known significant effects or critical hazards.

Section 4. First aid measures

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.
		PCR Primer Index 7	No known significant effects or critical hazards.
		SureSelect XT LT BC2	No known significant effects or critical hazards.
		SureSelect XT LT BC3	No known significant effects or critical hazards.
		SureSelect XT LT BC4	No known significant effects or critical hazards.
		SureSelect XT LT BC5	No known significant effects or critical hazards.
		SureSelect XT LT BC6	No known significant effects or critical hazards.
		SureSelect XT LT BC7	No known significant effects or critical hazards.
		SureSelect XT LT BC8	No known significant effects or critical hazards.
		SureSelect XT LT BC9	No known significant effects or critical hazards.
		SureSelect XT LT BC10	No known significant effects or critical hazards.
		SureSelect XT LT BC11	No known significant effects or critical hazards.
		SureSelect XT LT BC12	No known significant effects or critical hazards.
		SureSelect XT LT BC13	No known significant effects or critical hazards.
		SureSelect XT LT BC14	No known significant effects or critical hazards.
		SureSelect XT LT BC15	No known significant effects or critical hazards.
		SureSelect XT LT BC16	No known significant effects or critical hazards.
		SureSelect XT S4 P1	No known significant effects or critical hazards.
		SureSelect XT S4 IA	No known significant effects or critical hazards.
		SureSelect AB Pre Capture Primer	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.
		PCR Primer Index 7	No specific data.
		SureSelect XT LT BC2	No specific data.
		SureSelect XT LT BC3	No specific data.
		SureSelect XT LT BC4	No specific data.
		SureSelect XT LT BC5	No specific data.
		SureSelect XT LT BC6	No specific data.
		SureSelect XT LT BC7	No specific data.
		SureSelect XT LT BC8	No specific data.
		SureSelect XT LT BC9	No specific data.
		SureSelect XT LT BC10	No specific data.
		SureSelect XT LT BC11	No specific data.
		SureSelect XT LT BC12	No specific data.
		SureSelect XT LT BC13	No specific data.
		SureSelect XT LT BC14	No specific data.
		SureSelect XT LT BC15	No specific data.
		SureSelect XT LT BC16	No specific data.
		SureSelect XT S4 P1	No specific data.
		SureSelect XT S4 IA	No specific data.
		SureSelect AB Pre Capture Primer	No specific data.
Inhalation	:	10X End-Repair Buffer	No specific data.
		5X T4 DNA Ligase Buffer	No specific data.
		Klenow DNA Polymerase	No specific data.
		T4 DNA Ligase	No specific data.
		T4 DNA Polymerase	No specific data.
		T4 Polynucleotide Kinase	No specific data.
		dNTP Mix	No specific data.
		PCR Primer Index 7	No specific data.

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SureSelect XT LT BC2	No specific data.
SureSelect XT LT BC3	No specific data.
SureSelect XT LT BC4	No specific data.
SureSelect XT LT BC5	No specific data.
SureSelect XT LT BC6	No specific data.
SureSelect XT LT BC7	No specific data.
SureSelect XT LT BC8	No specific data.
SureSelect XT LT BC9	No specific data.
SureSelect XT LT BC10	No specific data.
SureSelect XT LT BC11	No specific data.
SureSelect XT LT BC12	No specific data.
SureSelect XT LT BC13	No specific data.
SureSelect XT LT BC14	No specific data.
SureSelect XT LT BC15	No specific data.
SureSelect XT LT BC16	No specific data.
SureSelect XT S4 P1	No specific data.
SureSelect XT S4 IA	No specific data.
SureSelect AB Pre Capture Primer	No specific data.

Skin contact

: 10X End-Repair Buffer	No specific data.
5X T4 DNA Ligase Buffer	No specific data.
Klenow DNA Polymerase	No specific data.
T4 DNA Ligase	No specific data.
T4 DNA Polymerase	No specific data.
T4 Polynucleotide Kinase	No specific data.
dNTP Mix	No specific data.
PCR Primer Index 7	No specific data.
SureSelect XT LT BC2	No specific data.
SureSelect XT LT BC3	No specific data.
SureSelect XT LT BC4	No specific data.
SureSelect XT LT BC5	No specific data.
SureSelect XT LT BC6	No specific data.
SureSelect XT LT BC7	No specific data.
SureSelect XT LT BC8	No specific data.
SureSelect XT LT BC9	No specific data.
SureSelect XT LT BC10	No specific data.
SureSelect XT LT BC11	No specific data.
SureSelect XT LT BC12	No specific data.
SureSelect XT LT BC13	No specific data.
SureSelect XT LT BC14	No specific data.
SureSelect XT LT BC15	No specific data.
SureSelect XT LT BC16	No specific data.
SureSelect XT S4 P1	No specific data.
SureSelect XT S4 IA	No specific data.
SureSelect AB Pre Capture Primer	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.
PCR Primer Index 7	No specific data.
SureSelect XT LT BC2	No specific data.
SureSelect XT LT BC3	No specific data.
SureSelect XT LT BC4	No specific data.
SureSelect XT LT BC5	No specific data.
SureSelect XT LT BC6	No specific data.
SureSelect XT LT BC7	No specific data.
SureSelect XT LT BC8	No specific data.
SureSelect XT LT BC9	No specific data.
SureSelect XT LT BC10	No specific data.

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SureSelect XT LT BC11	No specific data.
SureSelect XT LT BC12	No specific data.
SureSelect XT LT BC13	No specific data.
SureSelect XT LT BC14	No specific data.
SureSelect XT LT BC15	No specific data.
SureSelect XT LT BC16	No specific data.
SureSelect XT S4 P1	No specific data.
SureSelect XT S4 IA	No specific data.
SureSelect AB Pre Capture Primer	No specific data.

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

Notes to physician	: 10X End-Repair Buffer	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	5X T4 DNA Ligase Buffer	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	Klenow DNA Polymerase	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	T4 DNA Ligase	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	T4 DNA Polymerase	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	T4 Polynucleotide Kinase	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	dNTP Mix	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	PCR Primer Index 7	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect XT LT BC2	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect XT LT BC3	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect XT LT BC4	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect XT LT BC5	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect XT LT BC6	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect XT LT BC7	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect XT LT BC8	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect XT LT BC9	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Section 4. First aid measures

SureSelect XT LT BC10	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect XT LT BC11	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect XT LT BC12	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect XT LT BC13	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect XT LT BC14	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect XT LT BC15	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect XT LT BC16	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect XT S4 P1	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect XT S4 IA	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect AB Pre Capture Primer	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.
PCR Primer Index 7	No specific treatment.
SureSelect XT LT BC2	No specific treatment.
SureSelect XT LT BC3	No specific treatment.
SureSelect XT LT BC4	No specific treatment.
SureSelect XT LT BC5	No specific treatment.
SureSelect XT LT BC6	No specific treatment.
SureSelect XT LT BC7	No specific treatment.
SureSelect XT LT BC8	No specific treatment.
SureSelect XT LT BC9	No specific treatment.
SureSelect XT LT BC10	No specific treatment.
SureSelect XT LT BC11	No specific treatment.
SureSelect XT LT BC12	No specific treatment.
SureSelect XT LT BC13	No specific treatment.
SureSelect XT LT BC14	No specific treatment.
SureSelect XT LT BC15	No specific treatment.
SureSelect XT LT BC16	No specific treatment.
SureSelect XT S4 P1	No specific treatment.
SureSelect XT S4 IA	No specific treatment.
SureSelect AB Pre Capture Primer	No specific treatment.

Section 4. First aid measures

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.
	PCR Primer Index 7	No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT LT BC2	No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT LT BC3	No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT LT BC4	No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT LT BC5	No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT LT BC6	No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT LT BC7	No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT LT BC8	No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT LT BC9	No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT LT BC10	No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT LT BC11	No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT LT BC12	No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT LT BC13	No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT LT BC14	No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT LT BC15	No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT LT BC16	No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT S4 P1	No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT S4 IA	No action shall be taken involving any personal risk or without suitable training.
	SureSelect AB Pre Capture Primer	No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media

Suitable extinguishing media	: 10X End-Repair Buffer	Use an extinguishing agent suitable for the surrounding fire.
	5X T4 DNA Ligase Buffer	Use an extinguishing agent suitable for the surrounding fire.
	Klenow DNA Polymerase	Use an extinguishing agent suitable for the surrounding fire.
	T4 DNA Ligase	Use an extinguishing agent suitable for the surrounding fire.
	T4 DNA Polymerase	Use an extinguishing agent suitable for the surrounding fire.
	T4 Polynucleotide Kinase	Use an extinguishing agent suitable for the surrounding fire.
	dNTP Mix	Use an extinguishing agent suitable for the surrounding fire.
	PCR Primer Index 7	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect XT LT BC2	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect XT LT BC3	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect XT LT BC4	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect XT LT BC5	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect XT LT BC6	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect XT LT BC7	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect XT LT BC8	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect XT LT BC9	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect XT LT BC10	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect XT LT BC11	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect XT LT BC12	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect XT LT BC13	Use an extinguishing agent suitable for the surrounding fire.
SureSelect XT LT BC14	Use an extinguishing agent suitable for the surrounding fire.	
SureSelect XT LT BC15	Use an extinguishing agent suitable for the surrounding fire.	
SureSelect XT LT BC16	Use an extinguishing agent suitable for the surrounding fire.	
SureSelect XT S4 P1	Use an extinguishing agent suitable for the surrounding fire.	
SureSelect XT S4 IA	Use an extinguishing agent suitable for the surrounding fire.	
SureSelect AB Pre Capture Primer	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.
PCR Primer Index 7	None known.	
SureSelect XT LT BC2	None known.	

Section 5. Firefighting measures

SureSelect XT LT BC3	None known.
SureSelect XT LT BC4	None known.
SureSelect XT LT BC5	None known.
SureSelect XT LT BC6	None known.
SureSelect XT LT BC7	None known.
SureSelect XT LT BC8	None known.
SureSelect XT LT BC9	None known.
SureSelect XT LT BC10	None known.
SureSelect XT LT BC11	None known.
SureSelect XT LT BC12	None known.
SureSelect XT LT BC13	None known.
SureSelect XT LT BC14	None known.
SureSelect XT LT BC15	None known.
SureSelect XT LT BC16	None known.
SureSelect XT S4 P1	None known.
SureSelect XT S4 IA	None known.
SureSelect AB Pre Capture Primer	None known.

Specific hazards arising from the chemical

: 10X End-Repair Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
5X T4 DNA Ligase Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
Klenow DNA Polymerase	In a fire or if heated, a pressure increase will occur and the container may burst.
T4 DNA Ligase	In a fire or if heated, a pressure increase will occur and the container may burst.
T4 DNA Polymerase	In a fire or if heated, a pressure increase will occur and the container may burst.
T4 Polynucleotide Kinase	In a fire or if heated, a pressure increase will occur and the container may burst.
dNTP Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
PCR Primer Index 7	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect XT LT BC2	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect XT LT BC3	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect XT LT BC4	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect XT LT BC5	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect XT LT BC6	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect XT LT BC7	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect XT LT BC8	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect XT LT BC9	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect XT LT BC10	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect XT LT BC11	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect XT LT BC12	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect XT LT BC13	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect XT LT BC14	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect XT LT BC15	In a fire or if heated, a pressure increase will occur and the container may burst.

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	SureSelect XT LT BC16	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect XT S4 P1	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect XT S4 IA	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect AB Pre Capture Primer	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	: 10X End-Repair Buffer	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulfur oxides halogenated compounds metal oxide/oxides
	5X T4 DNA Ligase Buffer	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds metal oxide/oxides
	Klenow DNA Polymerase	Decomposition products may include the following materials: carbon dioxide carbon monoxide
	T4 DNA Ligase	Decomposition products may include the following materials: carbon dioxide carbon monoxide
	T4 DNA Polymerase	Decomposition products may include the following materials: carbon dioxide carbon monoxide
	T4 Polynucleotide Kinase	Decomposition products may include the following materials: carbon dioxide carbon monoxide
	dNTP Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
	PCR Primer Index 7	No specific data.
	SureSelect XT LT BC2	No specific data.
	SureSelect XT LT BC3	No specific data.
	SureSelect XT LT BC4	No specific data.
	SureSelect XT LT BC5	No specific data.
	SureSelect XT LT BC6	No specific data.
	SureSelect XT LT BC7	No specific data.
	SureSelect XT LT BC8	No specific data.
	SureSelect XT LT BC9	No specific data.
	SureSelect XT LT BC10	No specific data.
	SureSelect XT LT BC11	No specific data.
	SureSelect XT LT BC12	No specific data.
	SureSelect XT LT BC13	No specific data.
	SureSelect XT LT BC14	No specific data.
	SureSelect XT LT BC15	No specific data.
	SureSelect XT LT BC16	No specific data.
	SureSelect XT S4 P1	No specific data.

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	SureSelect XT S4 IA	No specific data.
	SureSelect AB Pre Capture Primer	No specific data.
Special protective actions for fire-fighters	: 10X End-Repair Buffer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	5X T4 DNA Ligase Buffer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	Klenow DNA Polymerase	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	T4 DNA Ligase	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	T4 DNA Polymerase	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	T4 Polynucleotide Kinase	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	dNTP Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	PCR Primer Index 7	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 XT LT BC2	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 XT LT BC3	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 XT LT BC4	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 XT LT BC5	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 XT LT BC6	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 XT LT BC7	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 XT LT BC8	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or

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		without suitable training.
	SureSelect XT LT BC9	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 XT LT BC10	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 XT LT BC11	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 XT LT BC12	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 XT LT BC13	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 XT LT BC14	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 XT LT BC15	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 XT LT BC16	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 XT S4 P1	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 XT S4 IA	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 AB Pre Capture 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.
Special protective equipment for fire-fighters	: 10X End-Repair Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	5X T4 DNA Ligase Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	Klenow DNA Polymerase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	T4 DNA Ligase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	T4 DNA Polymerase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus

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T4 Polynucleotide Kinase	(SCBA) with a full face-piece operated in positive pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
dNTP Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
PCR Primer Index 7	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect XT LT BC2	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect XT LT BC3	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect XT LT BC4	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect XT LT BC5	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect XT LT BC6	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect XT LT BC7	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect XT LT BC8	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect XT LT BC9	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect XT LT BC10	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect XT LT BC11	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect XT LT BC12	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect XT LT BC13	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect XT LT BC14	Fire-fighters should wear appropriate protective

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	equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect XT LT BC15	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect XT LT BC16	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect XT S4 P1	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect XT S4 IA	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect AB Pre Capture Primer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	: 10X End-Repair Buffer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
	5X T4 DNA Ligase Buffer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
	Klenow DNA Polymerase	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
	T4 DNA Ligase	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
	T4 DNA Polymerase	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
	T4 Polynucleotide Kinase	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

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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.
PCR Primer Index 7	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 XT LT BC2	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 XT LT BC3	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 XT LT BC4	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 XT LT BC5	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 XT LT BC6	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 XT LT BC7	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 XT LT BC8	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 XT LT BC9	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 XT LT BC10	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

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	through spilt material. Put on appropriate personal protective equipment.
SureSelect XT LT BC11	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 XT LT BC12	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 XT LT BC13	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 XT LT BC14	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 XT LT BC15	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 XT LT BC16	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 XT S4 P1	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 XT S4 IA	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 AB Pre Capture 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.
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

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Klenow DNA Polymerase	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
T4 DNA Ligase	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
T4 DNA Polymerase	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
T4 Polynucleotide Kinase	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
dNTP Mix	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
PCR Primer Index 7	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 XT LT BC2	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 XT LT BC3	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 XT LT BC4	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 XT LT BC5	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 XT LT BC6	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 XT LT BC7	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 XT LT BC8	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 XT LT BC9	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 XT LT BC10	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 XT LT BC11	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on

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SureSelect XT LT BC12	suitable and unsuitable materials. See also the information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect XT LT BC13	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 XT LT BC14	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 XT LT BC15	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 XT LT BC16	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 XT S4 P1	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 XT S4 IA	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 AB Pre Capture 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".

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

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dNTP Mix	<p>caused environmental pollution (sewers, waterways, soil or air).</p> <p>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).</p>
PCR Primer Index 7	<p>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).</p>
SureSelect XT LT BC2	<p>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).</p>
SureSelect XT LT BC3	<p>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).</p>
SureSelect XT LT BC4	<p>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).</p>
SureSelect XT LT BC5	<p>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).</p>
SureSelect XT LT BC6	<p>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).</p>
SureSelect XT LT BC7	<p>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).</p>
SureSelect XT LT BC8	<p>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).</p>
SureSelect XT LT BC9	<p>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).</p>
SureSelect XT LT BC10	<p>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).</p>
SureSelect XT LT BC11	<p>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).</p>
SureSelect XT LT BC12	<p>Avoid dispersal of spilt material and runoff and</p>

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	contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect XT LT BC13	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 XT LT BC14	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 XT LT BC15	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 XT LT BC16	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 XT S4 P1	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 XT S4 IA	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 AB Pre Capture 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).

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.

Section 6. Accidental release measures

	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.
PCR Primer Index 7	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 XT LT BC2	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 XT LT BC3	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 XT LT BC4	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 XT LT BC5	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 XT LT BC6	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 XT LT BC7	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 XT LT BC8	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble.

Section 6. Accidental release measures

	Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect XT LT BC9	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 XT LT BC10	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 XT LT BC11	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 XT LT BC12	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 XT LT BC13	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 XT LT BC14	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 XT LT BC15	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 XT LT BC16	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 XT S4 P1	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 XT S4 IA	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.

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SureSelect AB Pre Capture 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.
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Section 7. Handling and storage

Precautions for safe handling

Protective measures	:	10X End-Repair Buffer	Put on appropriate personal protective equipment (see Section 8).
		5X T4 DNA Ligase Buffer	Put on appropriate personal protective equipment (see Section 8).
		Klenow DNA Polymerase	Put on appropriate personal protective equipment (see Section 8).
		T4 DNA Ligase	Put on appropriate personal protective equipment (see Section 8).
		T4 DNA Polymerase	Put on appropriate personal protective equipment (see Section 8).
		T4 Polynucleotide Kinase	Put on appropriate personal protective equipment (see Section 8).
		dNTP Mix	Put on appropriate personal protective equipment (see Section 8).
		PCR Primer Index 7	Put on appropriate personal protective equipment (see Section 8).
		SureSelect XT LT BC2	Put on appropriate personal protective equipment (see Section 8).
		SureSelect XT LT BC3	Put on appropriate personal protective equipment (see Section 8).
		SureSelect XT LT BC4	Put on appropriate personal protective equipment (see Section 8).
		SureSelect XT LT BC5	Put on appropriate personal protective equipment (see Section 8).
		SureSelect XT LT BC6	Put on appropriate personal protective equipment (see Section 8).
		SureSelect XT LT BC7	Put on appropriate personal protective equipment (see Section 8).
		SureSelect XT LT BC8	Put on appropriate personal protective equipment (see Section 8).
		SureSelect XT LT BC9	Put on appropriate personal protective equipment (see Section 8).
		SureSelect XT LT BC10	Put on appropriate personal protective equipment (see Section 8).
		SureSelect XT LT BC11	Put on appropriate personal protective equipment (see Section 8).
		SureSelect XT LT BC12	Put on appropriate personal protective equipment (see Section 8).
		SureSelect XT LT BC13	Put on appropriate personal protective equipment (see Section 8).
		SureSelect XT LT BC14	Put on appropriate personal protective equipment (see Section 8).
		SureSelect XT LT BC15	Put on appropriate personal protective equipment (see Section 8).
		SureSelect XT LT BC16	Put on appropriate personal protective equipment (see Section 8).
		SureSelect XT S4 P1	Put on appropriate personal protective equipment (see Section 8).
		SureSelect XT S4 IA	Put on appropriate personal protective equipment (see Section 8).
		SureSelect AB Pre Capture Primer	Put on appropriate personal protective equipment (see Section 8).

Section 7. Handling and storage

Advice on general occupational hygiene

: 10X End-Repair Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
5X T4 DNA Ligase Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Klenow DNA Polymerase	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
T4 DNA Ligase	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
T4 DNA Polymerase	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
T4 Polynucleotide Kinase	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
dNTP Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
PCR Primer Index 7	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 XT LT BC2	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Section 7. Handling and storage

SureSelect XT LT BC3	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 XT LT BC4	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 XT LT BC5	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 XT LT BC6	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 XT LT BC7	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 XT LT BC8	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 XT LT BC9	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 XT LT BC10	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 XT LT BC11	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.

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SureSelect XT LT BC12	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 XT LT BC13	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 XT LT BC14	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 XT LT BC15	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 XT LT BC16	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 XT S4 P1	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 XT S4 IA	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 AB Pre Capture 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.

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

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

Section 7. Handling and storage

5X T4 DNA Ligase Buffer

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

Klenow DNA Polymerase

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

T4 DNA Ligase

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

Section 7. Handling and storage

PCR Primer Index 7	ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect XT LT BC2	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect XT LT BC3	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect XT LT BC4	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect XT LT BC5	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect XT LT BC6	Store in accordance with local regulations. Store in original container protected from direct sunlight in a

Section 7. Handling and storage

SureSelect XT LT BC7

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

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

SureSelect XT LT BC8

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

SureSelect XT LT BC9

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

SureSelect XT LT BC10

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

SureSelect XT LT BC11

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

Section 7. Handling and storage

SureSelect XT LT BC12	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 XT LT BC13	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect XT LT BC14	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect XT LT BC15	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect XT LT BC16	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect XT S4 P1	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

Section 7. Handling and storage

SureSelect XT S4 IA

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

Section 8. Exposure controls and personal protection

[Control parameters](#)

[Occupational exposure limits](#)

Ingredient name	Exposure limits
5X T4 DNA Ligase Buffer Polyethylene glycol	DFG MAC-values list (Germany, 7/2015). PEAK: 8000 mg/m ³ , 4 times per shift, 15 minutes. Form: Inhalable fraction TWA: 1000 mg/m ³ 8 hours. Form: Inhalable fraction
Klenow DNA Polymerase Glycerol	Safe Work Australia (Australia, 1/2014). TWA: 10 mg/m ³ 8 hours.
T4 DNA Ligase Glycerol	Safe Work Australia (Australia, 1/2014). TWA: 10 mg/m ³ 8 hours.
T4 DNA Polymerase Glycerol	Safe Work Australia (Australia, 1/2014). TWA: 10 mg/m ³ 8 hours.
T4 Polynucleotide Kinase Glycerol	Safe Work Australia (Australia, 1/2014). TWA: 10 mg/m ³ 8 hours.

[Appropriate engineering controls](#)

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

Section 8. Exposure controls and personal protection

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

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

Physical state	: 10X End-Repair Buffer	Liquid.
	5X T4 DNA Ligase Buffer	Liquid.
	Klenow DNA Polymerase	Liquid.
	T4 DNA Ligase	Liquid.
	T4 DNA Polymerase	Liquid.
	T4 Polynucleotide Kinase	Liquid.
	dNTP Mix	Liquid.
	PCR Primer Index 7	Liquid.
	SureSelect XT LT BC2	Liquid.
	SureSelect XT LT BC3	Liquid.
	SureSelect XT LT BC4	Liquid.
	SureSelect XT LT BC5	Liquid.
	SureSelect XT LT BC6	Liquid.
	SureSelect XT LT BC7	Liquid.
	SureSelect XT LT BC8	Liquid.
	SureSelect XT LT BC9	Liquid.
	SureSelect XT LT BC10	Liquid.
	SureSelect XT LT BC11	Liquid.
	SureSelect XT LT BC12	Liquid.
	SureSelect XT LT BC13	Liquid.
	SureSelect XT LT BC14	Liquid.
	SureSelect XT LT BC15	Liquid.
	SureSelect XT LT BC16	Liquid.
	SureSelect XT S4 P1	Liquid.
	SureSelect XT S4 IA	Liquid.
	SureSelect AB Pre Capture Primer	Liquid.

Section 9. Physical and chemical properties

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.
		PCR Primer Index 7	Not available.
		SureSelect XT LT BC2	Not available.
		SureSelect XT LT BC3	Not available.
		SureSelect XT LT BC4	Not available.
		SureSelect XT LT BC5	Not available.
		SureSelect XT LT BC6	Not available.
		SureSelect XT LT BC7	Not available.
		SureSelect XT LT BC8	Not available.
		SureSelect XT LT BC9	Not available.
		SureSelect XT LT BC10	Not available.
		SureSelect XT LT BC11	Not available.
		SureSelect XT LT BC12	Not available.
		SureSelect XT LT BC13	Not available.
		SureSelect XT LT BC14	Not available.
		SureSelect XT LT BC15	Not available.
		SureSelect XT LT BC16	Not available.
		SureSelect XT S4 P1	Not available.
		SureSelect XT S4 IA	Not available.
	SureSelect AB Pre Capture Primer	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.
		PCR Primer Index 7	Not available.
		SureSelect XT LT BC2	Not available.
		SureSelect XT LT BC3	Not available.
		SureSelect XT LT BC4	Not available.
		SureSelect XT LT BC5	Not available.
		SureSelect XT LT BC6	Not available.
		SureSelect XT LT BC7	Not available.
		SureSelect XT LT BC8	Not available.
		SureSelect XT LT BC9	Not available.
		SureSelect XT LT BC10	Not available.
		SureSelect XT LT BC11	Not available.
		SureSelect XT LT BC12	Not available.
		SureSelect XT LT BC13	Not available.
		SureSelect XT LT BC14	Not available.
		SureSelect XT LT BC15	Not available.
		SureSelect XT LT BC16	Not available.
		SureSelect XT S4 P1	Not available.
		SureSelect XT S4 IA	Not available.
	SureSelect AB Pre Capture Primer	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.
		PCR Primer Index 7	Not available.
	SureSelect XT LT BC2	Not available.	

Section 9. Physical and chemical properties

SureSelect XT LT BC3	Not available.
SureSelect XT LT BC4	Not available.
SureSelect XT LT BC5	Not available.
SureSelect XT LT BC6	Not available.
SureSelect XT LT BC7	Not available.
SureSelect XT LT BC8	Not available.
SureSelect XT LT BC9	Not available.
SureSelect XT LT BC10	Not available.
SureSelect XT LT BC11	Not available.
SureSelect XT LT BC12	Not available.
SureSelect XT LT BC13	Not available.
SureSelect XT LT BC14	Not available.
SureSelect XT LT BC15	Not available.
SureSelect XT LT BC16	Not available.
SureSelect XT S4 P1	Not available.
SureSelect XT S4 IA	Not available.
SureSelect AB Pre Capture Primer	Not available.

pH

: 10X End-Repair Buffer	7.5
5X T4 DNA Ligase Buffer	7.5
Klenow DNA Polymerase	7.5
T4 DNA Ligase	7.4
T4 DNA Polymerase	6.5
T4 Polynucleotide Kinase	7.4
dNTP Mix	7.5
PCR Primer Index 7	Not available.
SureSelect XT LT BC2	Not available.
SureSelect XT LT BC3	Not available.
SureSelect XT LT BC4	Not available.
SureSelect XT LT BC5	Not available.
SureSelect XT LT BC6	Not available.
SureSelect XT LT BC7	Not available.
SureSelect XT LT BC8	Not available.
SureSelect XT LT BC9	Not available.
SureSelect XT LT BC10	Not available.
SureSelect XT LT BC11	Not available.
SureSelect XT LT BC12	Not available.
SureSelect XT LT BC13	Not available.
SureSelect XT LT BC14	Not available.
SureSelect XT LT BC15	Not available.
SureSelect XT LT BC16	Not available.
SureSelect XT S4 P1	Not available.
SureSelect XT S4 IA	Not available.
SureSelect AB Pre Capture Primer	Not available.

Melting point

: 10X End-Repair Buffer	Not available.
5X T4 DNA Ligase Buffer	Not available.
Klenow DNA Polymerase	Not available.
T4 DNA Ligase	Not available.
T4 DNA Polymerase	Not available.
T4 Polynucleotide Kinase	Not available.
dNTP Mix	Not available.
PCR Primer Index 7	0°C (32°F)
SureSelect XT LT BC2	0°C (32°F)
SureSelect XT LT BC3	0°C (32°F)
SureSelect XT LT BC4	0°C (32°F)
SureSelect XT LT BC5	0°C (32°F)
SureSelect XT LT BC6	0°C (32°F)
SureSelect XT LT BC7	0°C (32°F)
SureSelect XT LT BC8	0°C (32°F)
SureSelect XT LT BC9	0°C (32°F)
SureSelect XT LT BC10	0°C (32°F)
SureSelect XT LT BC11	0°C (32°F)

Section 9. Physical and chemical properties

SureSelect XT LT BC12	0°C (32°F)
SureSelect XT LT BC13	0°C (32°F)
SureSelect XT LT BC14	0°C (32°F)
SureSelect XT LT BC15	0°C (32°F)
SureSelect XT LT BC16	0°C (32°F)
SureSelect XT S4 P1	0°C (32°F)
SureSelect XT S4 IA	0°C (32°F)
SureSelect AB Pre Capture Primer	0°C (32°F)

Boiling point

: 10X End-Repair Buffer	Not available.
5X T4 DNA Ligase Buffer	Not available.
Klenow DNA Polymerase	Not available.
T4 DNA Ligase	Not available.
T4 DNA Polymerase	Not available.
T4 Polynucleotide Kinase	Not available.
dNTP Mix	Not available.
PCR Primer Index 7	100°C (212°F)
SureSelect XT LT BC2	100°C (212°F)
SureSelect XT LT BC3	100°C (212°F)
SureSelect XT LT BC4	100°C (212°F)
SureSelect XT LT BC5	100°C (212°F)
SureSelect XT LT BC6	100°C (212°F)
SureSelect XT LT BC7	100°C (212°F)
SureSelect XT LT BC8	100°C (212°F)
SureSelect XT LT BC9	100°C (212°F)
SureSelect XT LT BC10	100°C (212°F)
SureSelect XT LT BC11	100°C (212°F)
SureSelect XT LT BC12	100°C (212°F)
SureSelect XT LT BC13	100°C (212°F)
SureSelect XT LT BC14	100°C (212°F)
SureSelect XT LT BC15	100°C (212°F)
SureSelect XT LT BC16	100°C (212°F)
SureSelect XT S4 P1	100°C (212°F)
SureSelect XT S4 IA	100°C (212°F)
SureSelect AB Pre Capture Primer	100°C (212°F)

Flash point

: 10X End-Repair Buffer	Not available.
5X T4 DNA Ligase Buffer	Not available.
Klenow DNA Polymerase	Not available.
T4 DNA Ligase	Not available.
T4 DNA Polymerase	Not available.
T4 Polynucleotide Kinase	Not available.
dNTP Mix	Not available.
PCR Primer Index 7	Not available.
SureSelect XT LT BC2	Not available.
SureSelect XT LT BC3	Not available.
SureSelect XT LT BC4	Not available.
SureSelect XT LT BC5	Not available.
SureSelect XT LT BC6	Not available.
SureSelect XT LT BC7	Not available.
SureSelect XT LT BC8	Not available.
SureSelect XT LT BC9	Not available.
SureSelect XT LT BC10	Not available.
SureSelect XT LT BC11	Not available.
SureSelect XT LT BC12	Not available.
SureSelect XT LT BC13	Not available.
SureSelect XT LT BC14	Not available.
SureSelect XT LT BC15	Not available.
SureSelect XT LT BC16	Not available.
SureSelect XT S4 P1	Not available.
SureSelect XT S4 IA	Not available.
SureSelect AB Pre Capture Primer	Not available.

Section 9. Physical and chemical properties

Evaporation rate	:	10X End-Repair Buffer	Not available.
		5X T4 DNA Ligase Buffer	Not available.
		Klenow DNA Polymerase	Not available.
		T4 DNA Ligase	Not available.
		T4 DNA Polymerase	Not available.
		T4 Polynucleotide Kinase	Not available.
		dNTP Mix	Not available.
		PCR Primer Index 7	Not available.
		SureSelect XT LT BC2	Not available.
		SureSelect XT LT BC3	Not available.
		SureSelect XT LT BC4	Not available.
		SureSelect XT LT BC5	Not available.
		SureSelect XT LT BC6	Not available.
		SureSelect XT LT BC7	Not available.
		SureSelect XT LT BC8	Not available.
		SureSelect XT LT BC9	Not available.
		SureSelect XT LT BC10	Not available.
		SureSelect XT LT BC11	Not available.
		SureSelect XT LT BC12	Not available.
		SureSelect XT LT BC13	Not available.
		SureSelect XT LT BC14	Not available.
		SureSelect XT LT BC15	Not available.
		SureSelect XT LT BC16	Not available.
		SureSelect XT S4 P1	Not available.
		SureSelect XT S4 IA	Not available.
	SureSelect AB Pre Capture Primer	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.
		PCR Primer Index 7	Not applicable.
		SureSelect XT LT BC2	Not applicable.
		SureSelect XT LT BC3	Not applicable.
		SureSelect XT LT BC4	Not applicable.
		SureSelect XT LT BC5	Not applicable.
		SureSelect XT LT BC6	Not applicable.
		SureSelect XT LT BC7	Not applicable.
		SureSelect XT LT BC8	Not applicable.
		SureSelect XT LT BC9	Not applicable.
		SureSelect XT LT BC10	Not applicable.
		SureSelect XT LT BC11	Not applicable.
		SureSelect XT LT BC12	Not applicable.
		SureSelect XT LT BC13	Not applicable.
		SureSelect XT LT BC14	Not applicable.
		SureSelect XT LT BC15	Not applicable.
		SureSelect XT LT BC16	Not applicable.
		SureSelect XT S4 P1	Not applicable.
		SureSelect XT S4 IA	Not applicable.
	SureSelect AB Pre Capture Primer	Not applicable.	
Lower and upper explosive (flammable) limits	:	10X End-Repair Buffer	Not available.
		5X T4 DNA Ligase Buffer	Not available.
		Klenow DNA Polymerase	Not available.
		T4 DNA Ligase	Not available.
		T4 DNA Polymerase	Not available.
		T4 Polynucleotide Kinase	Not available.
		dNTP Mix	Not available.
		PCR Primer Index 7	Not available.
	SureSelect XT LT BC2	Not available.	

Section 9. Physical and chemical properties

SureSelect XT LT BC3	Not available.
SureSelect XT LT BC4	Not available.
SureSelect XT LT BC5	Not available.
SureSelect XT LT BC6	Not available.
SureSelect XT LT BC7	Not available.
SureSelect XT LT BC8	Not available.
SureSelect XT LT BC9	Not available.
SureSelect XT LT BC10	Not available.
SureSelect XT LT BC11	Not available.
SureSelect XT LT BC12	Not available.
SureSelect XT LT BC13	Not available.
SureSelect XT LT BC14	Not available.
SureSelect XT LT BC15	Not available.
SureSelect XT LT BC16	Not available.
SureSelect XT S4 P1	Not available.
SureSelect XT S4 IA	Not available.
SureSelect AB Pre Capture Primer	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.
PCR Primer Index 7	Not available.
SureSelect XT LT BC2	Not available.
SureSelect XT LT BC3	Not available.
SureSelect XT LT BC4	Not available.
SureSelect XT LT BC5	Not available.
SureSelect XT LT BC6	Not available.
SureSelect XT LT BC7	Not available.
SureSelect XT LT BC8	Not available.
SureSelect XT LT BC9	Not available.
SureSelect XT LT BC10	Not available.
SureSelect XT LT BC11	Not available.
SureSelect XT LT BC12	Not available.
SureSelect XT LT BC13	Not available.
SureSelect XT LT BC14	Not available.
SureSelect XT LT BC15	Not available.
SureSelect XT LT BC16	Not available.
SureSelect XT S4 P1	Not available.
SureSelect XT S4 IA	Not available.
SureSelect AB Pre Capture Primer	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.
PCR Primer Index 7	Not available.
SureSelect XT LT BC2	Not available.
SureSelect XT LT BC3	Not available.
SureSelect XT LT BC4	Not available.
SureSelect XT LT BC5	Not available.
SureSelect XT LT BC6	Not available.
SureSelect XT LT BC7	Not available.
SureSelect XT LT BC8	Not available.
SureSelect XT LT BC9	Not available.
SureSelect XT LT BC10	Not available.
SureSelect XT LT BC11	Not available.

Section 9. Physical and chemical properties

	SureSelect XT LT BC12	Not available.
	SureSelect XT LT BC13	Not available.
	SureSelect XT LT BC14	Not available.
	SureSelect XT LT BC15	Not available.
	SureSelect XT LT BC16	Not available.
	SureSelect XT S4 P1	Not available.
	SureSelect XT S4 IA	Not available.
	SureSelect AB Pre Capture Primer	Not available.
Relative density	: 10X End-Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	Not available.
	PCR Primer Index 7	Not available.
	SureSelect XT LT BC2	Not available.
	SureSelect XT LT BC3	Not available.
	SureSelect XT LT BC4	Not available.
	SureSelect XT LT BC5	Not available.
	SureSelect XT LT BC6	Not available.
	SureSelect XT LT BC7	Not available.
	SureSelect XT LT BC8	Not available.
	SureSelect XT LT BC9	Not available.
	SureSelect XT LT BC10	Not available.
	SureSelect XT LT BC11	Not available.
	SureSelect XT LT BC12	Not available.
	SureSelect XT LT BC13	Not available.
	SureSelect XT LT BC14	Not available.
	SureSelect XT LT BC15	Not available.
	SureSelect XT LT BC16	Not available.
	SureSelect XT S4 P1	Not available.
	SureSelect XT S4 IA	Not available.
	SureSelect AB Pre Capture Primer	Not available.
Solubility	: 10X End-Repair Buffer	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	Soluble in the following materials: cold water and hot water.
	PCR Primer Index 7	Easily soluble in the following materials: cold water and hot water.
	SureSelect XT LT BC2	Easily soluble in the following materials: cold water and hot water.
	SureSelect XT LT BC3	Easily soluble in the following materials: cold water and hot water.
	SureSelect XT LT BC4	Easily soluble in the following materials: cold water and hot water.
	SureSelect XT LT BC5	Easily soluble in the following materials: cold water and hot water.
	SureSelect XT LT BC6	Easily soluble in the following materials: cold water and hot water.
	SureSelect XT LT BC7	Easily soluble in the following materials: cold water

Section 9. Physical and chemical properties

	SureSelect XT LT BC8	and hot water. Easily soluble in the following materials: cold water and hot water.
	SureSelect XT LT BC9	Easily soluble in the following materials: cold water and hot water.
	SureSelect XT LT BC10	Easily soluble in the following materials: cold water and hot water.
	SureSelect XT LT BC11	Easily soluble in the following materials: cold water and hot water.
	SureSelect XT LT BC12	Easily soluble in the following materials: cold water and hot water.
	SureSelect XT LT BC13	Easily soluble in the following materials: cold water and hot water.
	SureSelect XT LT BC14	Easily soluble in the following materials: cold water and hot water.
	SureSelect XT LT BC15	Easily soluble in the following materials: cold water and hot water.
	SureSelect XT LT BC16	Easily soluble in the following materials: cold water and hot water.
	SureSelect XT S4 P1	Easily soluble in the following materials: cold water and hot water.
	SureSelect XT S4 IA	Easily soluble in the following materials: cold water and hot water.
	SureSelect AB Pre Capture Primer	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.
	PCR Primer Index 7	Not available.
	SureSelect XT LT BC2	Not available.
	SureSelect XT LT BC3	Not available.
	SureSelect XT LT BC4	Not available.
	SureSelect XT LT BC5	Not available.
	SureSelect XT LT BC6	Not available.
	SureSelect XT LT BC7	Not available.
	SureSelect XT LT BC8	Not available.
	SureSelect XT LT BC9	Not available.
	SureSelect XT LT BC10	Not available.
	SureSelect XT LT BC11	Not available.
	SureSelect XT LT BC12	Not available.
	SureSelect XT LT BC13	Not available.
SureSelect XT LT BC14	Not available.	
SureSelect XT LT BC15	Not available.	
SureSelect XT LT BC16	Not available.	
SureSelect XT S4 P1	Not available.	
SureSelect XT S4 IA	Not available.	
SureSelect AB Pre Capture Primer	Not available.	
Auto-ignition temperature	: 10X End-Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	Not available.
	PCR Primer Index 7	Not available.
	SureSelect XT LT BC2	Not available.
SureSelect XT LT BC3	Not available.	
SureSelect XT LT BC4	Not available.	

Section 9. Physical and chemical properties

SureSelect XT LT BC5	Not available.
SureSelect XT LT BC6	Not available.
SureSelect XT LT BC7	Not available.
SureSelect XT LT BC8	Not available.
SureSelect XT LT BC9	Not available.
SureSelect XT LT BC10	Not available.
SureSelect XT LT BC11	Not available.
SureSelect XT LT BC12	Not available.
SureSelect XT LT BC13	Not available.
SureSelect XT LT BC14	Not available.
SureSelect XT LT BC15	Not available.
SureSelect XT LT BC16	Not available.
SureSelect XT S4 P1	Not available.
SureSelect XT S4 IA	Not available.
SureSelect AB Pre Capture Primer	Not available.

Decomposition temperature	:	10X End-Repair Buffer	Not available.
		5X T4 DNA Ligase Buffer	Not available.
		Klenow DNA Polymerase	Not available.
		T4 DNA Ligase	Not available.
		T4 DNA Polymerase	Not available.
		T4 Polynucleotide Kinase	Not available.
		dNTP Mix	Not available.
		PCR Primer Index 7	Not available.
		SureSelect XT LT BC2	Not available.
		SureSelect XT LT BC3	Not available.
		SureSelect XT LT BC4	Not available.
		SureSelect XT LT BC5	Not available.
		SureSelect XT LT BC6	Not available.
		SureSelect XT LT BC7	Not available.
		SureSelect XT LT BC8	Not available.
		SureSelect XT LT BC9	Not available.
		SureSelect XT LT BC10	Not available.
		SureSelect XT LT BC11	Not available.
		SureSelect XT LT BC12	Not available.
		SureSelect XT LT BC13	Not available.
		SureSelect XT LT BC14	Not available.
		SureSelect XT LT BC15	Not available.
		SureSelect XT LT BC16	Not available.
		SureSelect XT S4 P1	Not available.
		SureSelect XT S4 IA	Not available.
		SureSelect AB Pre Capture Primer	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.
		PCR Primer Index 7	Not available.
		SureSelect XT LT BC2	Not available.
		SureSelect XT LT BC3	Not available.
		SureSelect XT LT BC4	Not available.
		SureSelect XT LT BC5	Not available.
		SureSelect XT LT BC6	Not available.
		SureSelect XT LT BC7	Not available.
		SureSelect XT LT BC8	Not available.
		SureSelect XT LT BC9	Not available.
		SureSelect XT LT BC10	Not available.
		SureSelect XT LT BC11	Not available.
		SureSelect XT LT BC12	Not available.
		SureSelect XT LT BC13	Not available.

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SureSelect XT LT BC14	Not available.
SureSelect XT LT BC15	Not available.
SureSelect XT LT BC16	Not available.
SureSelect XT S4 P1	Not available.
SureSelect XT S4 IA	Not available.
SureSelect AB Pre Capture Primer	Not available.

Section 10. Stability and reactivity

Reactivity	: 10X End-Repair Buffer	No specific test data related to reactivity available for this product or its ingredients.
	5X T4 DNA Ligase Buffer	No specific test data related to reactivity available for this product or its ingredients.
	Klenow DNA Polymerase	No specific test data related to reactivity available for this product or its ingredients.
	T4 DNA Ligase	No specific test data related to reactivity available for this product or its ingredients.
	T4 DNA Polymerase	No specific test data related to reactivity available for this product or its ingredients.
	T4 Polynucleotide Kinase	No specific test data related to reactivity available for this product or its ingredients.
	dNTP Mix	No specific test data related to reactivity available for this product or its ingredients.
	PCR Primer Index 7	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect XT LT BC2	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect XT LT BC3	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect XT LT BC4	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect XT LT BC5	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect XT LT BC6	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect XT LT BC7	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect XT LT BC8	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect XT LT BC9	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect XT LT BC10	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect XT LT BC11	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect XT LT BC12	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect XT LT BC13	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect XT LT BC14	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect XT LT BC15	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect XT LT BC16	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect XT S4 P1	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect XT S4 IA	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect AB Pre Capture Primer	No specific test data related to reactivity available for this product or its ingredients.

Section 10. Stability and reactivity

SureSelect XT LT BC12	hazardous reactions will not occur.
SureSelect XT LT BC13	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect XT LT BC14	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect XT LT BC15	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect XT LT BC16	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect XT S4 P1	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect XT S4 IA	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect AB Pre Capture Primer	Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid

: 10X End-Repair Buffer	No specific data.
5X T4 DNA Ligase Buffer	No specific data.
Klenow DNA Polymerase	No specific data.
T4 DNA Ligase	No specific data.
T4 DNA Polymerase	No specific data.
T4 Polynucleotide Kinase	No specific data.
dNTP Mix	No specific data.
PCR Primer Index 7	No specific data.
SureSelect XT LT BC2	No specific data.
SureSelect XT LT BC3	No specific data.
SureSelect XT LT BC4	No specific data.
SureSelect XT LT BC5	No specific data.
SureSelect XT LT BC6	No specific data.
SureSelect XT LT BC7	No specific data.
SureSelect XT LT BC8	No specific data.
SureSelect XT LT BC9	No specific data.
SureSelect XT LT BC10	No specific data.
SureSelect XT LT BC11	No specific data.
SureSelect XT LT BC12	No specific data.
SureSelect XT LT BC13	No specific data.
SureSelect XT LT BC14	No specific data.
SureSelect XT LT BC15	No specific data.
SureSelect XT LT BC16	No specific data.
SureSelect XT S4 P1	No specific data.
SureSelect XT S4 IA	No specific data.
SureSelect AB Pre Capture Primer	No specific data.

Incompatible materials

: 10X End-Repair Buffer	May react or be incompatible with oxidising materials.
5X T4 DNA Ligase Buffer	May react or be incompatible with oxidising materials.
Klenow DNA Polymerase	May react or be incompatible with oxidising materials.
T4 DNA Ligase	May react or be incompatible with oxidising materials.
T4 DNA Polymerase	May react or be incompatible with oxidising materials.
T4 Polynucleotide Kinase	May react or be incompatible with oxidising materials.
dNTP Mix	May react or be incompatible with oxidising materials.
PCR Primer Index 7	May react or be incompatible with oxidising materials.
SureSelect XT LT BC2	May react or be incompatible with oxidising materials.
SureSelect XT LT BC3	May react or be incompatible with oxidising materials.
SureSelect XT LT BC4	May react or be incompatible with oxidising materials.
SureSelect XT LT BC5	May react or be incompatible with oxidising materials.
SureSelect XT LT BC6	May react or be incompatible with oxidising materials.
SureSelect XT LT BC7	May react or be incompatible with oxidising materials.
SureSelect XT LT BC8	May react or be incompatible with oxidising materials.
SureSelect XT LT BC9	May react or be incompatible with oxidising materials.
SureSelect XT LT BC10	May react or be incompatible with oxidising materials.

Section 10. Stability and reactivity

SureSelect XT LT BC11	May react or be incompatible with oxidising materials.
SureSelect XT LT BC12	May react or be incompatible with oxidising materials.
SureSelect XT LT BC13	May react or be incompatible with oxidising materials.
SureSelect XT LT BC14	May react or be incompatible with oxidising materials.
SureSelect XT LT BC15	May react or be incompatible with oxidising materials.
SureSelect XT LT BC16	May react or be incompatible with oxidising materials.
SureSelect XT S4 P1	May react or be incompatible with oxidising materials.
SureSelect XT S4 IA	May react or be incompatible with oxidising materials.
SureSelect AB Pre Capture Primer	May react or be incompatible with oxidising materials.
Hazardous decomposition products : 10X End-Repair Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
5X T4 DNA Ligase Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Klenow DNA Polymerase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
T4 DNA Ligase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
T4 DNA Polymerase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
T4 Polynucleotide Kinase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
dNTP Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
PCR Primer Index 7	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect XT LT BC2	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect XT LT BC3	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect XT LT BC4	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect XT LT BC5	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect XT LT BC6	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect XT LT BC7	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect XT LT BC8	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect XT LT BC9	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect XT LT BC10	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect XT LT BC11	Under normal conditions of storage and use,

Section 10. Stability and reactivity

SureSelect XT LT BC12	hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect XT LT BC13	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect XT LT BC14	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect XT LT BC15	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect XT LT BC16	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect XT S4 P1	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect XT S4 IA	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect AB Pre Capture Primer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

[Information on toxicological effects](#)

[Acute toxicity](#)

Product/ingredient name	Result	Species	Dose	Exposure
Klenow DNA Polymerase Glycerol	LD50 Oral	Rat	12600 mg/kg	-
T4 DNA Ligase Glycerol	LD50 Oral	Rat	12600 mg/kg	-
T4 DNA Polymerase Glycerol	LD50 Oral	Rat	12600 mg/kg	-
T4 Polynucleotide Kinase Glycerol	LD50 Oral	Rat	12600 mg/kg	-

[Irritation/Corrosion](#)

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

Section 11. Toxicological information

T4 DNA Ligase Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
T4 DNA Polymerase Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
T4 Polynucleotide Kinase Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-

Sensitisation

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

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.
	PCR Primer Index 7	Not available.
	SureSelect XT LT BC2	Not available.
	SureSelect XT LT BC3	Not available.
	SureSelect XT LT BC4	Not available.
	SureSelect XT LT BC5	Not available.
	SureSelect XT LT BC6	Not available.
	SureSelect XT LT BC7	Not available.
	SureSelect XT LT BC8	Not available.
	SureSelect XT LT BC9	Not available.
	SureSelect XT LT BC10	Not available.
	SureSelect XT LT BC11	Not available.
	SureSelect XT LT BC12	Not available.

Section 11. Toxicological information

SureSelect XT LT BC13	Not available.
SureSelect XT LT BC14	Not available.
SureSelect XT LT BC15	Not available.
SureSelect XT LT BC16	Not available.
SureSelect XT S4 P1	Not available.
SureSelect XT S4 IA	Not available.
SureSelect AB Pre Capture Primer	Not available.

Potential acute health effects

Eye contact

: 10X End-Repair Buffer	No known significant effects or critical hazards.
5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
Klenow DNA Polymerase	No known significant effects or critical hazards.
T4 DNA Ligase	No known significant effects or critical hazards.
T4 DNA Polymerase	No known significant effects or critical hazards.
T4 Polynucleotide Kinase	No known significant effects or critical hazards.
dNTP Mix	No known significant effects or critical hazards.
PCR Primer Index 7	No known significant effects or critical hazards.
SureSelect XT LT BC2	No known significant effects or critical hazards.
SureSelect XT LT BC3	No known significant effects or critical hazards.
SureSelect XT LT BC4	No known significant effects or critical hazards.
SureSelect XT LT BC5	No known significant effects or critical hazards.
SureSelect XT LT BC6	No known significant effects or critical hazards.
SureSelect XT LT BC7	No known significant effects or critical hazards.
SureSelect XT LT BC8	No known significant effects or critical hazards.
SureSelect XT LT BC9	No known significant effects or critical hazards.
SureSelect XT LT BC10	No known significant effects or critical hazards.
SureSelect XT LT BC11	No known significant effects or critical hazards.
SureSelect XT LT BC12	No known significant effects or critical hazards.
SureSelect XT LT BC13	No known significant effects or critical hazards.
SureSelect XT LT BC14	No known significant effects or critical hazards.
SureSelect XT LT BC15	No known significant effects or critical hazards.
SureSelect XT LT BC16	No known significant effects or critical hazards.
SureSelect XT S4 P1	No known significant effects or critical hazards.
SureSelect XT S4 IA	No known significant effects or critical hazards.
SureSelect AB Pre Capture Primer	No known significant effects or critical hazards.

Inhalation

: 10X End-Repair Buffer	No known significant effects or critical hazards.
5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
Klenow DNA Polymerase	No known significant effects or critical hazards.
T4 DNA Ligase	No known significant effects or critical hazards.
T4 DNA Polymerase	No known significant effects or critical hazards.
T4 Polynucleotide Kinase	No known significant effects or critical hazards.
dNTP Mix	No known significant effects or critical hazards.
PCR Primer Index 7	No known significant effects or critical hazards.
SureSelect XT LT BC2	No known significant effects or critical hazards.
SureSelect XT LT BC3	No known significant effects or critical hazards.
SureSelect XT LT BC4	No known significant effects or critical hazards.
SureSelect XT LT BC5	No known significant effects or critical hazards.
SureSelect XT LT BC6	No known significant effects or critical hazards.
SureSelect XT LT BC7	No known significant effects or critical hazards.
SureSelect XT LT BC8	No known significant effects or critical hazards.
SureSelect XT LT BC9	No known significant effects or critical hazards.
SureSelect XT LT BC10	No known significant effects or critical hazards.
SureSelect XT LT BC11	No known significant effects or critical hazards.
SureSelect XT LT BC12	No known significant effects or critical hazards.
SureSelect XT LT BC13	No known significant effects or critical hazards.
SureSelect XT LT BC14	No known significant effects or critical hazards.
SureSelect XT LT BC15	No known significant effects or critical hazards.
SureSelect XT LT BC16	No known significant effects or critical hazards.
SureSelect XT S4 P1	No known significant effects or critical hazards.
SureSelect XT S4 IA	No known significant effects or critical hazards.
SureSelect AB Pre Capture	No known significant effects or critical hazards.

Section 11. Toxicological information

Skin contact

Primer

: 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.
PCR Primer Index 7	No known significant effects or critical hazards.
SureSelect XT LT BC2	No known significant effects or critical hazards.
SureSelect XT LT BC3	No known significant effects or critical hazards.
SureSelect XT LT BC4	No known significant effects or critical hazards.
SureSelect XT LT BC5	No known significant effects or critical hazards.
SureSelect XT LT BC6	No known significant effects or critical hazards.
SureSelect XT LT BC7	No known significant effects or critical hazards.
SureSelect XT LT BC8	No known significant effects or critical hazards.
SureSelect XT LT BC9	No known significant effects or critical hazards.
SureSelect XT LT BC10	No known significant effects or critical hazards.
SureSelect XT LT BC11	No known significant effects or critical hazards.
SureSelect XT LT BC12	No known significant effects or critical hazards.
SureSelect XT LT BC13	No known significant effects or critical hazards.
SureSelect XT LT BC14	No known significant effects or critical hazards.
SureSelect XT LT BC15	No known significant effects or critical hazards.
SureSelect XT LT BC16	No known significant effects or critical hazards.
SureSelect XT S4 P1	No known significant effects or critical hazards.
SureSelect XT S4 IA	No known significant effects or critical hazards.
SureSelect AB Pre Capture Primer	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.
PCR Primer Index 7	No known significant effects or critical hazards.
SureSelect XT LT BC2	No known significant effects or critical hazards.
SureSelect XT LT BC3	No known significant effects or critical hazards.
SureSelect XT LT BC4	No known significant effects or critical hazards.
SureSelect XT LT BC5	No known significant effects or critical hazards.
SureSelect XT LT BC6	No known significant effects or critical hazards.
SureSelect XT LT BC7	No known significant effects or critical hazards.
SureSelect XT LT BC8	No known significant effects or critical hazards.
SureSelect XT LT BC9	No known significant effects or critical hazards.
SureSelect XT LT BC10	No known significant effects or critical hazards.
SureSelect XT LT BC11	No known significant effects or critical hazards.
SureSelect XT LT BC12	No known significant effects or critical hazards.
SureSelect XT LT BC13	No known significant effects or critical hazards.
SureSelect XT LT BC14	No known significant effects or critical hazards.
SureSelect XT LT BC15	No known significant effects or critical hazards.
SureSelect XT LT BC16	No known significant effects or critical hazards.
SureSelect XT S4 P1	No known significant effects or critical hazards.
SureSelect XT S4 IA	No known significant effects or critical hazards.
SureSelect AB Pre Capture Primer	No known significant effects or critical hazards.

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

Section 11. Toxicological information

Eye contact	: 10X End-Repair Buffer	No specific data.
	5X T4 DNA Ligase Buffer	No specific data.
	Klenow DNA Polymerase	No specific data.
	T4 DNA Ligase	No specific data.
	T4 DNA Polymerase	No specific data.
	T4 Polynucleotide Kinase	No specific data.
	dNTP Mix	No specific data.
	PCR Primer Index 7	No specific data.
	SureSelect XT LT BC2	No specific data.
	SureSelect XT LT BC3	No specific data.
	SureSelect XT LT BC4	No specific data.
	SureSelect XT LT BC5	No specific data.
	SureSelect XT LT BC6	No specific data.
	SureSelect XT LT BC7	No specific data.
	SureSelect XT LT BC8	No specific data.
	SureSelect XT LT BC9	No specific data.
	SureSelect XT LT BC10	No specific data.
	SureSelect XT LT BC11	No specific data.
	SureSelect XT LT BC12	No specific data.
	SureSelect XT LT BC13	No specific data.
SureSelect XT LT BC14	No specific data.	
SureSelect XT LT BC15	No specific data.	
SureSelect XT LT BC16	No specific data.	
SureSelect XT S4 P1	No specific data.	
SureSelect XT S4 IA	No specific data.	
SureSelect AB Pre Capture Primer	No specific data.	
Inhalation	: 10X End-Repair Buffer	No specific data.
	5X T4 DNA Ligase Buffer	No specific data.
	Klenow DNA Polymerase	No specific data.
	T4 DNA Ligase	No specific data.
	T4 DNA Polymerase	No specific data.
	T4 Polynucleotide Kinase	No specific data.
	dNTP Mix	No specific data.
	PCR Primer Index 7	No specific data.
	SureSelect XT LT BC2	No specific data.
	SureSelect XT LT BC3	No specific data.
	SureSelect XT LT BC4	No specific data.
	SureSelect XT LT BC5	No specific data.
	SureSelect XT LT BC6	No specific data.
	SureSelect XT LT BC7	No specific data.
	SureSelect XT LT BC8	No specific data.
	SureSelect XT LT BC9	No specific data.
	SureSelect XT LT BC10	No specific data.
	SureSelect XT LT BC11	No specific data.
	SureSelect XT LT BC12	No specific data.
	SureSelect XT LT BC13	No specific data.
SureSelect XT LT BC14	No specific data.	
SureSelect XT LT BC15	No specific data.	
SureSelect XT LT BC16	No specific data.	
SureSelect XT S4 P1	No specific data.	
SureSelect XT S4 IA	No specific data.	
SureSelect AB Pre Capture Primer	No specific data.	
Skin contact	: 10X End-Repair Buffer	No specific data.
	5X T4 DNA Ligase Buffer	No specific data.
	Klenow DNA Polymerase	No specific data.
	T4 DNA Ligase	No specific data.
	T4 DNA Polymerase	No specific data.
	T4 Polynucleotide Kinase	No specific data.
	dNTP Mix	No specific data.
PCR Primer Index 7	No specific data.	

Section 11. Toxicological information

SureSelect XT LT BC2	No specific data.
SureSelect XT LT BC3	No specific data.
SureSelect XT LT BC4	No specific data.
SureSelect XT LT BC5	No specific data.
SureSelect XT LT BC6	No specific data.
SureSelect XT LT BC7	No specific data.
SureSelect XT LT BC8	No specific data.
SureSelect XT LT BC9	No specific data.
SureSelect XT LT BC10	No specific data.
SureSelect XT LT BC11	No specific data.
SureSelect XT LT BC12	No specific data.
SureSelect XT LT BC13	No specific data.
SureSelect XT LT BC14	No specific data.
SureSelect XT LT BC15	No specific data.
SureSelect XT LT BC16	No specific data.
SureSelect XT S4 P1	No specific data.
SureSelect XT S4 IA	No specific data.
SureSelect AB Pre Capture Primer	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.
PCR Primer Index 7	No specific data.
SureSelect XT LT BC2	No specific data.
SureSelect XT LT BC3	No specific data.
SureSelect XT LT BC4	No specific data.
SureSelect XT LT BC5	No specific data.
SureSelect XT LT BC6	No specific data.
SureSelect XT LT BC7	No specific data.
SureSelect XT LT BC8	No specific data.
SureSelect XT LT BC9	No specific data.
SureSelect XT LT BC10	No specific data.
SureSelect XT LT BC11	No specific data.
SureSelect XT LT BC12	No specific data.
SureSelect XT LT BC13	No specific data.
SureSelect XT LT BC14	No specific data.
SureSelect XT LT BC15	No specific data.
SureSelect XT LT BC16	No specific data.
SureSelect XT S4 P1	No specific data.
SureSelect XT S4 IA	No specific data.
SureSelect AB Pre Capture Primer	No specific data.

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

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

Not available.

Section 11. Toxicological information

SureSelect XT LT BC2	No known significant effects or critical hazards.
SureSelect XT LT BC3	No known significant effects or critical hazards.
SureSelect XT LT BC4	No known significant effects or critical hazards.
SureSelect XT LT BC5	No known significant effects or critical hazards.
SureSelect XT LT BC6	No known significant effects or critical hazards.
SureSelect XT LT BC7	No known significant effects or critical hazards.
SureSelect XT LT BC8	No known significant effects or critical hazards.
SureSelect XT LT BC9	No known significant effects or critical hazards.
SureSelect XT LT BC10	No known significant effects or critical hazards.
SureSelect XT LT BC11	No known significant effects or critical hazards.
SureSelect XT LT BC12	No known significant effects or critical hazards.
SureSelect XT LT BC13	No known significant effects or critical hazards.
SureSelect XT LT BC14	No known significant effects or critical hazards.
SureSelect XT LT BC15	No known significant effects or critical hazards.
SureSelect XT LT BC16	No known significant effects or critical hazards.
SureSelect XT S4 P1	No known significant effects or critical hazards.
SureSelect XT S4 IA	No known significant effects or critical hazards.
SureSelect AB Pre Capture Primer	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.
PCR Primer Index 7	No known significant effects or critical hazards.
SureSelect XT LT BC2	No known significant effects or critical hazards.
SureSelect XT LT BC3	No known significant effects or critical hazards.
SureSelect XT LT BC4	No known significant effects or critical hazards.
SureSelect XT LT BC5	No known significant effects or critical hazards.
SureSelect XT LT BC6	No known significant effects or critical hazards.
SureSelect XT LT BC7	No known significant effects or critical hazards.
SureSelect XT LT BC8	No known significant effects or critical hazards.
SureSelect XT LT BC9	No known significant effects or critical hazards.
SureSelect XT LT BC10	No known significant effects or critical hazards.
SureSelect XT LT BC11	No known significant effects or critical hazards.
SureSelect XT LT BC12	No known significant effects or critical hazards.
SureSelect XT LT BC13	No known significant effects or critical hazards.
SureSelect XT LT BC14	No known significant effects or critical hazards.
SureSelect XT LT BC15	No known significant effects or critical hazards.
SureSelect XT LT BC16	No known significant effects or critical hazards.
SureSelect XT S4 P1	No known significant effects or critical hazards.
SureSelect XT S4 IA	No known significant effects or critical hazards.
SureSelect AB Pre Capture Primer	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.
PCR Primer Index 7	No known significant effects or critical hazards.
SureSelect XT LT BC2	No known significant effects or critical hazards.
SureSelect XT LT BC3	No known significant effects or critical hazards.
SureSelect XT LT BC4	No known significant effects or critical hazards.
SureSelect XT LT BC5	No known significant effects or critical hazards.
SureSelect XT LT BC6	No known significant effects or critical hazards.
SureSelect XT LT BC7	No known significant effects or critical hazards.
SureSelect XT LT BC8	No known significant effects or critical hazards.
SureSelect XT LT BC9	No known significant effects or critical hazards.

Section 11. Toxicological information

	SureSelect XT LT BC10	No known significant effects or critical hazards.
	SureSelect XT LT BC11	No known significant effects or critical hazards.
	SureSelect XT LT BC12	No known significant effects or critical hazards.
	SureSelect XT LT BC13	No known significant effects or critical hazards.
	SureSelect XT LT BC14	No known significant effects or critical hazards.
	SureSelect XT LT BC15	No known significant effects or critical hazards.
	SureSelect XT LT BC16	No known significant effects or critical hazards.
	SureSelect XT S4 P1	No known significant effects or critical hazards.
	SureSelect XT S4 IA	No known significant effects or critical hazards.
	SureSelect AB Pre Capture Primer	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.
	PCR Primer Index 7	No known significant effects or critical hazards.
	SureSelect XT LT BC2	No known significant effects or critical hazards.
	SureSelect XT LT BC3	No known significant effects or critical hazards.
	SureSelect XT LT BC4	No known significant effects or critical hazards.
	SureSelect XT LT BC5	No known significant effects or critical hazards.
	SureSelect XT LT BC6	No known significant effects or critical hazards.
	SureSelect XT LT BC7	No known significant effects or critical hazards.
	SureSelect XT LT BC8	No known significant effects or critical hazards.
	SureSelect XT LT BC9	No known significant effects or critical hazards.
	SureSelect XT LT BC10	No known significant effects or critical hazards.
	SureSelect XT LT BC11	No known significant effects or critical hazards.
	SureSelect XT LT BC12	No known significant effects or critical hazards.
	SureSelect XT LT BC13	No known significant effects or critical hazards.
	SureSelect XT LT BC14	No known significant effects or critical hazards.
	SureSelect XT LT BC15	No known significant effects or critical hazards.
	SureSelect XT LT BC16	No known significant effects or critical hazards.
	SureSelect XT S4 P1	No known significant effects or critical hazards.
	SureSelect XT S4 IA	No known significant effects or critical hazards.
	SureSelect AB Pre Capture Primer	No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
10X End-Repair Buffer Oral	32769.5 mg/kg

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
5X T4 DNA Ligase Buffer Polyethylene glycol	Acute LC50 >1000000 µg/l Fresh water	Fish - Salmo salar - Parr	96 hours
Klenow DNA Polymerase Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
T4 DNA Ligase Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours

Section 12. Ecological information

T4 DNA Polymerase Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
T4 Polynucleotide Kinase Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours

Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
<input checked="" type="checkbox"/> Klenow DNA Polymerase Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
T4 DNA Ligase Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
T4 DNA Polymerase Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
T4 Polynucleotide Kinase Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
<input checked="" type="checkbox"/> T4 DNA Ligase Buffer Polyethylene glycol	-	3.2	low
Klenow DNA Polymerase Glycerol	-1.76	-	low
T4 DNA Ligase Glycerol	-1.76	-	low
T4 DNA Polymerase Glycerol	-1.76	-	low
T4 Polynucleotide Kinase Glycerol	-1.76	-	low

Mobility in soil

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

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

Section 13. Disposal considerations

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

Section 14. Transport information

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

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

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

Section 15. Regulatory information

Standard Uniform Schedule of Medicine and Poisons



Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

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

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

Australia	: Not determined.
Canada	: 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.

Section 15. Regulatory information

Taiwan	: All components are listed or exempted.
Thailand	: <input checked="" type="checkbox"/> Not determined.
Turkey	: Not determined.
United States	: All components are listed or exempted.
Viet Nam	: <input checked="" type="checkbox"/> Not determined.

Section 16. Any other relevant information

History

Date of issue/Date of revision : 19/01/2018

Date of previous issue : 23/12/2015.

Version : 4

Key to abbreviations

: ADG = Australian Dangerous Goods
 ATE = Acute Toxicity Estimate
 BCF = Bioconcentration Factor
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IATA = International Air Transport Association
 IBC = Intermediate Bulk Container
 IMDG = International Maritime Dangerous Goods
 LogPow = logarithm of the octanol/water partition coefficient
 MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
 NOHSC = National Occupational Health and Safety Commission
 SUSMP = Standard Uniform Schedule of Medicine and Poisons
 UN = United Nations

Procedure used to derive the classification

Classification	Justification
Not classified.	

References : Not available.

Indicates information that has changed from previously issued version.

Notice to reader

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