

SAFETY DATA SHEET



SureSelect XT Library Prep Kit-S4 - 480 Reactions, Part Number 5500-0079

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

1.1 Product identifier

Product name	: SureSelect XT Library Prep Kit-S4 - 480 Reactions, Part Number 5500-0079
Part No. (Kit)	: 5500-0079
Part No.	: 10X End-Repair Buffer 5190-3226 5X T4 DNA Ligase Buffer 5190-3227 Klenow DNA Polymerase 5190-3230 T4 DNA Ligase 5190-3228 T4 DNA Polymerase 5190-3229 T4 Polynucleotide Kinase 5190-3231 dNTP Mix 5190-3232 SureSelect XT LT BC1 5190-3233 SureSelect XT LT BC2 5190-3234 SureSelect XT LT BC3 5190-3235 SureSelect XT LT BC4 5190-3236 SureSelect XT LT BC5 5190-3237 SureSelect XT LT BC6 5190-3238 SureSelect XT LT BC7 5190-3239 SureSelect XT LT BC8 5190-3240 SureSelect XT LT BC9 5190-3241 SureSelect XT LT BC10 5190-3242 SureSelect XT LT BC11 5190-3243 SureSelect XT LT BC12 5190-3244 SureSelect XT LT BC13 5190-3245 SureSelect XT LT BC14 5190-3246 SureSelect XT LT BC15 5190-3247 SureSelect XT LT BC16 5190-3248 SureSelect AB P1 5190-3249 SureSelect AB IA 5190-3250 SureSelect AB Pre 5190-3199 Capture Primer

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

Identified uses	
Analytical reagent.	
10X End-Repair Buffer	6 ml
5X T4 DNA Ligase Buffer	12 ml
Klenow DNA Polymerase	0.6 ml
T4 DNA Ligase	0.9 ml
T4 DNA Polymerase	0.6 ml
T4 Polynucleotide Kinase	1.05 ml
dNTP Mix	1 ml
SureSelect XT LT BC1	0.15 ml
SureSelect XT LT BC2	0.15 ml
SureSelect XT LT BC3	0.15 ml
SureSelect XT LT BC4	0.15 ml
SureSelect XT LT BC5	0.15 ml
SureSelect XT LT BC6	0.15 ml
SureSelect XT LT BC7	0.15 ml
SureSelect XT LT BC8	0.15 ml
SureSelect XT LT BC9	0.15 ml
SureSelect XT LT BC10	0.15 ml
SureSelect XT LT BC11	0.15 ml
SureSelect XT LT BC12	0.15 ml
SureSelect XT LT BC13	0.15 ml
SureSelect XT LT BC14	0.15 ml
SureSelect XT LT BC15	0.15 ml

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

SureSelect XT LT BC16	0.15 ml
SureSelect AB P1	15.5 ml
SureSelect AB IA	15.5 ml
SureSelect AB Pre Capture Primer	2.4 ml

1.3 Details of the supplier of the safety data sheet

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

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

1.4 Emergency telephone number

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

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

Product definition	:	10X End-Repair Buffer	Mixture
		5X T4 DNA Ligase Buffer	Mixture
		Klenow DNA Polymerase	Mixture
		T4 DNA Ligase	Mixture
		T4 DNA Polymerase	Mixture
		T4 Polynucleotide Kinase	Mixture
		dNTP Mix	Mixture
		SureSelect XT LT BC1	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 AB P1	Mixture
		SureSelect AB IA	Mixture
		SureSelect AB Pre Capture Primer	Mixture

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

Not classified.

SECTION 2: Hazards identification

Ingredients of unknown toxicity	: 10X End-Repair Buffer	Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 7.9%
	5X T4 DNA Ligase Buffer	Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 3.9%
	Klenow DNA Polymerase	Not applicable.
	T4 DNA Ligase	Not applicable.
	T4 DNA Polymerase	Not applicable.
	T4 Polynucleotide Kinase	Not applicable.
	dNTP Mix	Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 5.7%
	SureSelect XT LT BC1	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 AB P1	Not applicable.	
SureSelect AB IA	Not applicable.	
SureSelect AB Pre	Not applicable.	
Capture Primer	Not applicable.	
Ingredients of unknown ecotoxicity	: 10X End-Repair Buffer	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 9.3%
	5X T4 DNA Ligase Buffer	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 4.9%
	Klenow DNA Polymerase	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 50%
	T4 DNA Ligase	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 50%
	T4 DNA Polymerase	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 50%
	T4 Polynucleotide Kinase	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 50%
	dNTP Mix	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 5.7%
	SureSelect XT LT BC1	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 AB P1	Not applicable.	
SureSelect AB IA	Not applicable.	
SureSelect AB Pre	Not applicable.	
Capture Primer	Not applicable.	

SECTION 2: Hazards identification

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

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

2.2 Label elements**Signal word**

: 10X End-Repair Buffer	No signal word.
5X T4 DNA Ligase Buffer	No signal word.
Klenow DNA Polymerase	No signal word.
T4 DNA Ligase	No signal word.
T4 DNA Polymerase	No signal word.
T4 Polynucleotide Kinase	No signal word.
dNTP Mix	No signal word.
SureSelect XT LT BC1	No signal word.
SureSelect XT LT BC2	No signal word.
SureSelect XT LT BC3	No signal word.
SureSelect XT LT BC4	No signal word.
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 AB P1	No signal word.
SureSelect AB IA	No signal word.
SureSelect AB Pre	No signal word.
Capture Primer	

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.
SureSelect XT LT BC1	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 AB P1	No known significant effects or critical hazards.
SureSelect AB IA	No known significant effects or critical hazards.
SureSelect AB Pre	No known significant effects or critical hazards.
Capture Primer	

Precautionary statements

SECTION 2: Hazards identification

Prevention	:	10X End-Repair Buffer	Not applicable.
		5X T4 DNA Ligase Buffer	Not applicable.
		Klenow DNA Polymerase	Not applicable.
		T4 DNA Ligase	Not applicable.
		T4 DNA Polymerase	Not applicable.
		T4 Polynucleotide Kinase	Not applicable.
		dNTP Mix	Not applicable.
		SureSelect XT LT BC1	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 AB P1	Not applicable.
		SureSelect AB IA	Not applicable.
		SureSelect AB Pre	Not applicable.
		Capture Primer	
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.
		SureSelect XT LT BC1	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 AB P1	Not applicable.
		SureSelect AB IA	Not applicable.
		SureSelect AB Pre	Not applicable.
		Capture Primer	
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.
		SureSelect XT LT BC1	Not applicable.
		SureSelect XT LT BC2	Not applicable.

SECTION 2: Hazards identification

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 AB P1 Not applicable.
 SureSelect AB IA Not applicable.
 SureSelect AB Pre Not applicable.
 Capture Primer

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.
 SureSelect XT LT BC1 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 AB P1 Not applicable.
 SureSelect AB IA Not applicable.
 SureSelect AB Pre Not applicable.
 Capture Primer

Hazardous ingredients

: No hazardous ingredient

Supplemental label elements

: 10X End-Repair Buffer Safety data sheet available on request.
 5X T4 DNA Ligase Buffer Safety data sheet available on request.
 Klenow DNA Polymerase Not applicable.
 T4 DNA Ligase Not applicable.
 T4 DNA Polymerase Not applicable.
 T4 Polynucleotide Kinase Not applicable.
 dNTP Mix Not applicable.
 SureSelect XT LT BC1 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.

SECTION 2: Hazards identification

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 AB P1	Not applicable.
SureSelect AB IA	Not applicable.
SureSelect AB Pre	Not applicable.
Capture Primer	

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

10X End-Repair Buffer	Not applicable.
5X T4 DNA Ligase Buffer	Not applicable.
Klenow DNA Polymerase	Not applicable.
T4 DNA Ligase	Not applicable.
T4 DNA Polymerase	Not applicable.
T4 Polynucleotide Kinase	Not applicable.
dNTP Mix	Not applicable.
SureSelect XT LT BC1	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 AB P1	Not applicable.
SureSelect AB IA	Not applicable.
SureSelect AB Pre	Not applicable.
Capture Primer	

Special packaging requirements**Tactile warning of danger**

10X End-Repair Buffer	Not applicable.
5X T4 DNA Ligase Buffer	Not applicable.
Klenow DNA Polymerase	Not applicable.
T4 DNA Ligase	Not applicable.
T4 DNA Polymerase	Not applicable.
T4 Polynucleotide Kinase	Not applicable.
dNTP Mix	Not applicable.
SureSelect XT LT BC1	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 AB P1	Not applicable.

SECTION 2: Hazards identification

SureSelect AB IA	Not applicable.
SureSelect AB Pre	Not applicable.
Capture Primer	

2.3 Other hazards

Other hazards which do not result in classification	: 10X End-Repair Buffer	None known.
	5X T4 DNA Ligase Buffer	None known.
	Klenow DNA Polymerase	None known.
	T4 DNA Ligase	None known.
	T4 DNA Polymerase	None known.
	T4 Polynucleotide Kinase	None known.
	dNTP Mix	None known.
	SureSelect XT LT BC1	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 AB P1	None known.	
SureSelect AB IA	None known.	
SureSelect AB Pre	None known.	
Capture Primer		

SECTION 3: Composition/information on ingredients

3.2 Mixtures	: 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
	SureSelect XT LT BC1	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 AB P1	Mixture	
SureSelect AB IA	Mixture	
SureSelect AB Pre Capture Primer	Mixture	

SECTION 3: Composition/information on ingredients

Product/ingredient name	Identifiers	%	Classification	Type
10X End-Repair Buffer 2-Amino-2-(hydroxymethyl) propane-1,3-diol hydrochloride	EC: 214-684-5 CAS: 1185-53-1	≤8	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	[1]
(R*,R*)-1,4-Dimercaptobutane-2, 3-diol	EC: 222-468-7 CAS: 3483-12-3	≤1.5	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Chronic 3, H412	[1]
5X T4 DNA Ligase Buffer 2-Amino-2-(hydroxymethyl) propane-1,3-diol hydrochloride	EC: 214-684-5 CAS: 1185-53-1	≤5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	[1]
Klenow DNA Polymerase Glycerol	EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	[2]
T4 DNA Ligase Glycerol	EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	[2]
T4 DNA Polymerase Glycerol	EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	[2]
T4 Polynucleotide Kinase Glycerol	EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified. See Section 16 for the full text of the H statements declared above.	[2]

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

Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII

[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

[5] Substance of equivalent concern

SECTION 4: First aid measures**4.1 Description of first aid measures**

Eye contact	: 10X End-Repair Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	5X T4 DNA Ligase Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	Klenow DNA Polymerase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	T4 DNA Ligase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	T4 DNA Polymerase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove

SECTION 4: First aid measures

T4 Polynucleotide Kinase	any contact lenses. Get medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
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.
SureSelect XT LT BC1	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. 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 AB 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 AB 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 Primer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

SECTION 4: First aid measures

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.
	SureSelect XT LT BC1	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.
	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

SECTION 4: First aid measures

		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 AB P1	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect AB 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.
	SureSelect XT LT BC1	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.
	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.

SECTION 4: First aid measures

SureSelect XT LT BC8	symptoms occur. 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 AB P1	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect AB 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.
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

SECTION 4: First aid measures

	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.
SureSelect XT LT BC1	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.
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

SECTION 4: First aid measures

	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.
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 AB 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 AB 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

SECTION 4: First aid measures

Protection of first-aiders	10X End-Repair Buffer	personnel. Get medical attention if symptoms occur.
	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.
	SureSelect XT LT BC1	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 AB P1	No action shall be taken involving any personal risk or without suitable training.
	SureSelect AB 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.

4.2 Most important symptoms and effects, both acute and delayed**Potential acute health effects**

Eye contact	10X End-Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase	No known significant effects or critical hazards.
	T4 Polynucleotide Kinase	No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.

SECTION 4: First aid measures

SureSelect XT LT BC1	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 AB P1	No known significant effects or critical hazards.
SureSelect AB IA	No known significant effects or critical hazards.
SureSelect AB Pre	No known significant effects or critical hazards.
Capture Primer	

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.
SureSelect XT LT BC1	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 AB P1	No known significant effects or critical hazards.
SureSelect AB IA	No known significant effects or critical hazards.
SureSelect AB Pre	No known significant effects or critical hazards.
Capture Primer	

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.
SureSelect XT LT BC1	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.

SECTION 4: First aid measures

	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 AB P1	No known significant effects or critical hazards.
	SureSelect AB IA	No known significant effects or critical hazards.
	SureSelect AB Pre	No known significant effects or critical hazards.
	Capture Primer	
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.
	SureSelect XT LT BC1	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 AB P1	No known significant effects or critical hazards.
	SureSelect AB IA	No known significant effects or critical hazards.
	SureSelect AB Pre	No known significant effects or critical hazards.
	Capture Primer	

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.
	SureSelect XT LT BC1	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 AB P1	No specific data.
	SureSelect AB IA	No specific data.
	SureSelect AB Pre	No specific data.

SECTION 4: First aid measures

	Capture Primer	
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.
	SureSelect XT LT BC1	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 AB P1	No specific data.
	SureSelect AB IA	No specific data.
	SureSelect AB Pre	No specific data.
	Capture Primer	
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.
	SureSelect XT LT BC1	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 AB P1	No specific data.
	SureSelect AB IA	No specific data.
	SureSelect AB Pre	No specific data.
	Capture Primer	
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.
	SureSelect XT LT BC1	No specific data.
	SureSelect XT LT BC2	No specific data.

SECTION 4: First aid measures

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 AB P1	No specific data.
SureSelect AB IA	No specific data.
SureSelect AB Pre	No specific data.
Capture Primer	

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	:	10X End-Repair Buffer	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
		5X T4 DNA Ligase Buffer	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
		Klenow DNA Polymerase	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		T4 DNA Ligase	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		T4 DNA Polymerase	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		T4 Polynucleotide Kinase	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		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.
		SureSelect XT LT BC1	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.
		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

SECTION 4: First aid measures

	SureSelect XT LT BC15	immediately if large quantities have been ingested or inhaled. 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 AB P1	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect AB 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.
	SureSelect XT LT BC1	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 AB P1	No specific treatment.
	SureSelect AB IA	No specific treatment.
	SureSelect AB Pre	No specific treatment.
	Capture Primer	No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	: 10X End-Repair Buffer	Use an extinguishing agent suitable for the surrounding fire.
	5X T4 DNA Ligase Buffer	Use an extinguishing agent suitable for the surrounding fire.
	Klenow DNA Polymerase	Use an extinguishing agent suitable for the surrounding fire.
	T4 DNA Ligase	Use an extinguishing agent suitable for the surrounding fire.
	T4 DNA Polymerase	Use an extinguishing agent suitable for the surrounding fire.
	T4 Polynucleotide Kinase	Use an extinguishing agent suitable for the surrounding fire.
	dNTP Mix	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect XT LT BC1	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.

SECTION 5: Firefighting measures

SureSelect XT LT BC16	Use an extinguishing agent suitable for the surrounding fire.
SureSelect AB P1	Use an extinguishing agent suitable for the surrounding fire.
SureSelect AB IA	Use an extinguishing agent suitable for the surrounding fire.
SureSelect AB Pre	Use an extinguishing agent suitable for the surrounding fire.
Capture Primer	

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.
SureSelect XT LT BC1	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 AB P1	None known.
SureSelect AB IA	None known.
SureSelect AB Pre	None known.
Capture Primer	

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture :

10X End-Repair Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
5X T4 DNA Ligase Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
Klenow DNA Polymerase	In a fire or if heated, a pressure increase will occur and the container may burst.
T4 DNA Ligase	In a fire or if heated, a pressure increase will occur and the container may burst.
T4 DNA Polymerase	In a fire or if heated, a pressure increase will occur and the container may burst.
T4 Polynucleotide Kinase	In a fire or if heated, a pressure increase will occur and the container may burst.
dNTP Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect XT LT BC1	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

SECTION 5: Firefighting measures

	SureSelect XT LT BC9	container may burst. 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.
	SureSelect XT LT BC16	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect AB P1	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect AB 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 combustion products	: 10X End-Repair Buffer	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulfur oxides halogenated compounds metal oxide/oxides
	5X T4 DNA Ligase Buffer	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds metal oxide/oxides
	Klenow DNA Polymerase	Decomposition products may include the following materials: carbon dioxide carbon monoxide
	T4 DNA Ligase	Decomposition products may include the following materials: carbon dioxide carbon monoxide
	T4 DNA Polymerase	Decomposition products may include the following materials: carbon dioxide carbon monoxide
	T4 Polynucleotide Kinase	Decomposition products may include the following materials: carbon dioxide carbon monoxide
	dNTP Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
	SureSelect XT LT BC1	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.

SECTION 5: Firefighting measures

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 AB P1	No specific data.
SureSelect AB IA	No specific data.
SureSelect AB Pre	No specific data.
Capture Primer	

5.3 Advice for firefighters**Special precautions for fire-fighters**

: 10X End-Repair Buffer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
5X T4 DNA Ligase Buffer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Klenow DNA Polymerase	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
T4 DNA Ligase	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
T4 DNA Polymerase	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
T4 Polynucleotide Kinase	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
dNTP Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureSelect XT LT BC1	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 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.

SECTION 5: Firefighting measures

		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 AB 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 AB 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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
	5X T4 DNA Ligase Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
	Klenow DNA Polymerase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
	T4 DNA Ligase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
	T4 DNA Polymerase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
	T4 Polynucleotide Kinase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
	dNTP Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full

SECTION 5: Firefighting measures

	face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect XT LT BC1	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect 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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect 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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect 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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect 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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect 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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect 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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect 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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect 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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect 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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 5: Firefighting measures

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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect 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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect 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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect XT LT BC14	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect 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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect 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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect AB P1	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect AB IA	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect 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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

SECTION 6: Accidental release measures

For non-emergency personnel	: 10X End-Repair Buffer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
	5X T4 DNA Ligase Buffer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
	Klenow DNA Polymerase	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
	T4 DNA Ligase	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
	T4 DNA Polymerase	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
	T4 Polynucleotide Kinase	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
	dNTP Mix	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
	SureSelect XT LT BC1	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

SECTION 6: Accidental release measures

SureSelect XT LT BC7	appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled 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 spilled 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 spilled 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 through spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled material. Put on appropriate personal protective equipment.
SureSelect AB 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 spilled material. Put on appropriate personal protective equipment.
SureSelect AB 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 spilled 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.

SECTION 6: Accidental release measures**For emergency responders**

		Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
	: 10X End-Repair Buffer	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	5X T4 DNA Ligase Buffer	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	Klenow DNA Polymerase	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	T4 DNA Ligase	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	T4 DNA Polymerase	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	T4 Polynucleotide Kinase	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	dNTP Mix	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureSelect XT LT BC1	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

SECTION 6: Accidental release measures

	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 suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect XT LT BC12	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 AB 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 AB 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".

6.2 Environmental precautions

: 10X End-Repair Buffer	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
5X T4 DNA Ligase Buffer	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Klenow DNA Polymerase	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
T4 DNA Ligase	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
T4 DNA Polymerase	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
T4 Polynucleotide Kinase	Avoid dispersal of spilt material and runoff and contact with

SECTION 6: Accidental release measures

	soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
dNTP Mix	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect XT LT BC1	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 BC2	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 BC3	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 BC4	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 BC5	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 BC6	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 BC7	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 BC8	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 BC9	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 BC10	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 BC11	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 BC12	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 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

SECTION 6: Accidental release measures

	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 AB 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 AB 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).

6.3 Methods and material for containment and cleaning up**Methods for cleaning up** : 10X End-Repair Buffer

	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
5X T4 DNA Ligase Buffer	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Klenow DNA Polymerase	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
T4 DNA Ligase	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
T4 DNA Polymerase	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
T4 Polynucleotide Kinase	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
dNTP Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect XT LT BC1	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

SECTION 6: Accidental release measures

	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. 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,

SECTION 6: Accidental release measures

	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 AB 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 AB 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.
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.

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

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Protective measures	: 10X End-Repair Buffer	Put on appropriate personal protective equipment (see Section 8).
	5X T4 DNA Ligase Buffer	Put on appropriate personal protective equipment (see Section 8).
	Klenow DNA Polymerase	Put on appropriate personal protective equipment (see Section 8).
	T4 DNA Ligase	Put on appropriate personal protective equipment (see Section 8).
	T4 DNA Polymerase	Put on appropriate personal protective equipment (see Section 8).
	T4 Polynucleotide Kinase	Put on appropriate personal protective equipment (see Section 8).
	dNTP Mix	Put on appropriate personal protective equipment (see Section 8).
	SureSelect XT LT BC1	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).

SECTION 7: Handling and storage

		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 AB P1	Put on appropriate personal protective equipment (see Section 8).
	SureSelect AB IA	Put on appropriate personal protective equipment (see Section 8).
	SureSelect AB Pre Capture Primer	Put on appropriate personal protective equipment (see Section 8).
Advice on general occupational hygiene	: 10X End-Repair Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	5X T4 DNA Ligase Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	Klenow DNA Polymerase	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	T4 DNA Ligase	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, 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.
	SureSelect XT LT BC1	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,

SECTION 7: Handling and storage

SureSelect XT LT BC2	<p>drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.</p> <p>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.</p>
SureSelect XT LT BC3	<p>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.</p>
SureSelect XT LT BC4	<p>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.</p>
SureSelect XT LT BC5	<p>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.</p>
SureSelect XT LT BC6	<p>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.</p>
SureSelect XT LT BC7	<p>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.</p>
SureSelect XT LT BC8	<p>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.</p>
SureSelect XT LT BC9	<p>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.</p>
SureSelect XT LT BC10	<p>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.</p>
SureSelect XT LT BC11	<p>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.</p>
SureSelect XT LT BC12	<p>Eating, drinking and smoking should be prohibited in areas</p>

SECTION 7: Handling and storage

	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 AB 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 AB 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.

7.2 Conditions for safe storage, including any incompatibilities

: 10X End-Repair Buffer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
5X T4 DNA Ligase Buffer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use

SECTION 7: Handling and storage

	appropriate containment to avoid environmental contamination.
Klenow DNA Polymerase	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
T4 DNA Ligase	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
T4 DNA Polymerase	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
T4 Polynucleotide Kinase	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
dNTP Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
SureSelect XT LT BC1	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
SureSelect 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

SECTION 7: Handling and storage

SureSelect XT LT BC3	contamination. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
SureSelect 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.
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.
SureSelect XT LT BC6	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
SureSelect XT LT BC7	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
SureSelect 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.
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.

SECTION 7: Handling and storage

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

SECTION 7: Handling and storage

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

7.3 Specific end use(s)

Recommendations

: 10X End-Repair Buffer	Industrial applications, Professional applications.
5X T4 DNA Ligase Buffer	Industrial applications, Professional applications.
Klenow DNA Polymerase	Industrial applications, Professional applications.
T4 DNA Ligase	Industrial applications, Professional applications.
T4 DNA Polymerase	Industrial applications, Professional applications.
T4 Polynucleotide Kinase	Industrial applications, Professional applications.
dNTP Mix	Industrial applications, Professional applications.
SureSelect XT LT BC1	Industrial applications, Professional applications.
SureSelect XT LT BC2	Industrial applications, Professional applications.
SureSelect XT LT BC3	Industrial applications, Professional applications.
SureSelect XT LT BC4	Industrial applications, Professional applications.
SureSelect XT LT BC5	Industrial applications, Professional applications.
SureSelect XT LT BC6	Industrial applications, Professional applications.
SureSelect XT LT BC7	Industrial applications, Professional applications.
SureSelect XT LT BC8	Industrial applications, Professional applications.
SureSelect XT LT BC9	Industrial applications, Professional applications.
SureSelect XT LT BC10	Industrial applications, Professional applications.
SureSelect XT LT BC11	Industrial applications, Professional applications.
SureSelect XT LT BC12	Industrial applications, Professional applications.
SureSelect XT LT BC13	Industrial applications, Professional applications.
SureSelect XT LT BC14	Industrial applications, Professional applications.
SureSelect XT LT BC15	Industrial applications, Professional applications.
SureSelect XT LT BC16	Industrial applications, Professional applications.
SureSelect AB P1	Industrial applications, Professional applications.
SureSelect AB IA	Industrial applications, Professional applications.
SureSelect AB Pre Capture Primer	Industrial applications, Professional applications.

Industrial sector specific solutions

: 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.
SureSelect XT LT BC1	Not applicable.

SECTION 7: Handling and storage

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 AB P1	Not applicable.
SureSelect AB IA	Not applicable.
SureSelect AB Pre	Not applicable.
Capture Primer	

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

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

Recommended monitoring procedures

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

DNELs/DMELs

No DNELs/DMELs available.

PNECs

No PNECs available

8.2 Exposure controls

SECTION 8: Exposure controls/personal protection

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

Individual protection measures

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

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

Skin protection

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

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

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

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

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

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****Appearance**

Physical state	: 10X End-Repair Buffer	Liquid.
	5X T4 DNA Ligase Buffer	Liquid.
	Klenow DNA Polymerase	Liquid.
	T4 DNA Ligase	Liquid.
	T4 DNA Polymerase	Liquid.
	T4 Polynucleotide Kinase	Liquid.
	dNTP Mix	Liquid.
	SureSelect XT LT BC1	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.	

SECTION 9: Physical and chemical properties

	SureSelect XT LT BC16	Liquid.
	SureSelect AB P1	Liquid.
	SureSelect AB IA	Liquid.
	SureSelect AB Pre	Liquid.
	Capture Primer	
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.
	SureSelect XT LT BC1	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 AB P1	Not available.
	SureSelect AB IA	Not available.
	SureSelect AB Pre	Not available.
	Capture Primer	
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.
	SureSelect XT LT BC1	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 AB P1	Not available.
	SureSelect AB IA	Not available.
	SureSelect AB Pre	Not available.

SECTION 9: Physical and chemical properties

	Capture Primer	
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.
	SureSelect XT LT BC1	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 AB P1	Not available.
	SureSelect AB IA	Not available.
	SureSelect AB Pre	Not available.
	Capture Primer	
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
	SureSelect XT LT BC1	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 AB P1	Not available.
	SureSelect AB IA	Not available.
	SureSelect AB Pre	Not available.
	Capture Primer	

SECTION 9: Physical and chemical properties

Melting point/freezing point	: 10X End-Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	Not available.
	SureSelect XT LT BC1	0°C
	SureSelect XT LT BC2	0°C
	SureSelect XT LT BC3	0°C
	SureSelect XT LT BC4	0°C
	SureSelect XT LT BC5	0°C
	SureSelect XT LT BC6	0°C
	SureSelect XT LT BC7	0°C
	SureSelect XT LT BC8	0°C
	SureSelect XT LT BC9	0°C
	SureSelect XT LT BC10	0°C
	SureSelect XT LT BC11	0°C
	SureSelect XT LT BC12	0°C
	SureSelect XT LT BC13	0°C
	SureSelect XT LT BC14	0°C
	SureSelect XT LT BC15	0°C
	SureSelect XT LT BC16	0°C
	SureSelect AB P1	0°C
	SureSelect AB IA	0°C
	SureSelect AB Pre	0°C
	Capture Primer	

Initial boiling point and boiling range	: 10X End-Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	Not available.
	SureSelect XT LT BC1	100°C
	SureSelect XT LT BC2	100°C
	SureSelect XT LT BC3	100°C
	SureSelect XT LT BC4	100°C
	SureSelect XT LT BC5	100°C
	SureSelect XT LT BC6	100°C
	SureSelect XT LT BC7	100°C
	SureSelect XT LT BC8	100°C
	SureSelect XT LT BC9	100°C
	SureSelect XT LT BC10	100°C
	SureSelect XT LT BC11	100°C
	SureSelect XT LT BC12	100°C
	SureSelect XT LT BC13	100°C
	SureSelect XT LT BC14	100°C
	SureSelect XT LT BC15	100°C
	SureSelect XT LT BC16	100°C
	SureSelect AB P1	100°C
	SureSelect AB IA	100°C
	SureSelect AB Pre	100°C
	Capture Primer	

SECTION 9: Physical and chemical properties

Flash point : 10X End-Repair Buffer Not available.
 5X T4 DNA Ligase Not available.
 Buffer
 Klenow DNA Not available.
 Polymerase
 T4 DNA Ligase Not available.
 T4 DNA Polymerase Not available.
 T4 Polynucleotide Not available.
 Kinase
 dNTP Mix Not available.
 SureSelect XT LT BC1 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 AB P1 Not available.
 SureSelect AB IA Not available.
 SureSelect AB Pre Not available.
 Capture Primer

Evaporation rate : 10X End-Repair Buffer Not available.
 5X T4 DNA Ligase Not available.
 Buffer
 Klenow DNA Not available.
 Polymerase
 T4 DNA Ligase Not available.
 T4 DNA Polymerase Not available.
 T4 Polynucleotide Not available.
 Kinase
 dNTP Mix Not available.
 SureSelect XT LT BC1 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 AB P1 Not available.
 SureSelect AB IA Not available.
 SureSelect AB Pre Not available.
 Capture Primer

SECTION 9: Physical and chemical properties

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.
		SureSelect XT LT BC1	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 AB P1	Not applicable.
		SureSelect AB IA	Not applicable.
		SureSelect AB Pre Capture Primer	Not applicable.
Upper/lower flammability or explosive limits	:	10X End-Repair Buffer	Not available.
		5X T4 DNA Ligase Buffer	Not available.
		Klenow DNA Polymerase	Not available.
		T4 DNA Ligase	Not available.
		T4 DNA Polymerase	Not available.
		T4 Polynucleotide Kinase	Not available.
		dNTP Mix	Not available.
		SureSelect XT LT BC1	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 AB P1	Not available.

SECTION 9: Physical and chemical properties

	SureSelect AB IA	Not available.
	SureSelect AB Pre	Not available.
	Capture Primer	
Vapour pressure	: 10X End-Repair Buffer	Not available.
	5X T4 DNA Ligase	Not available.
	Buffer	
	Klenow DNA	Not available.
	Polymerase	
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide	Not available.
	Kinase	
	dNTP Mix	Not available.
	SureSelect XT LT BC1	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 AB P1	Not available.
	SureSelect AB IA	Not available.
	SureSelect AB Pre	Not available.
	Capture Primer	
Vapour density	: 10X End-Repair Buffer	Not available.
	5X T4 DNA Ligase	Not available.
	Buffer	
	Klenow DNA	Not available.
	Polymerase	
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide	Not available.
	Kinase	
	dNTP Mix	Not available.
	SureSelect XT LT BC1	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 AB P1	Not available.
	SureSelect AB IA	Not available.
	SureSelect AB Pre	Not available.
	Capture Primer	

SECTION 9: Physical and chemical properties

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.
		SureSelect XT LT BC1	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 AB P1	Not available.
		SureSelect AB IA	Not available.
		SureSelect AB Pre	Not available.
		Capture Primer	
Solubility(ies)	:	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.
		SureSelect XT LT BC1	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 and hot water.
		SureSelect XT LT BC8	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.

SECTION 9: Physical and chemical properties

	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 AB P1	Easily soluble in the following materials: cold water and hot water.
	SureSelect AB 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.
	SureSelect XT LT BC1	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 AB P1	Not available.	
SureSelect AB 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.
	SureSelect XT LT BC1	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.

SECTION 9: Physical and chemical properties

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 AB P1	Not available.
SureSelect AB IA	Not available.
SureSelect AB Pre	Not available.
Capture Primer	

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.
		SureSelect XT LT BC1	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 AB P1	Not available.		
SureSelect AB IA	Not available.		
SureSelect AB Pre	Not available.		
Capture Primer			

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.
		SureSelect XT LT BC1	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.

SECTION 9: Physical and chemical properties

	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 AB P1	Not available.
	SureSelect AB IA	Not available.
	SureSelect AB Pre	Not available.
	Capture Primer	
Explosive properties	: 10X End-Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	Not available.
	SureSelect XT LT BC1	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 AB P1	Not available.
	SureSelect AB IA	Not available.
	SureSelect AB Pre	Not available.
	Capture Primer	
Oxidising properties	: 10X End-Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	Not available.
	SureSelect XT LT BC1	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.

SECTION 9: Physical and chemical properties

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

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity	:	10X End-Repair Buffer	No specific test data related to reactivity available for this product or its ingredients.
		5X T4 DNA Ligase Buffer	No specific test data related to reactivity available for this product or its ingredients.
		Klenow DNA Polymerase	No specific test data related to reactivity available for this product or its ingredients.
		T4 DNA Ligase	No specific test data related to reactivity available for this product or its ingredients.
		T4 DNA Polymerase	No specific test data related to reactivity available for this product or its ingredients.
		T4 Polynucleotide Kinase	No specific test data related to reactivity available for this product or its ingredients.
		dNTP Mix	No specific test data related to reactivity available for this product or its ingredients.
		SureSelect XT LT BC1	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 AB P1	No specific test data related to reactivity available for this product or its ingredients.
		SureSelect AB IA	No specific test data related to reactivity available for this product or its ingredients.
		SureSelect AB Pre	No specific test data related to reactivity available for this product or its ingredients.
		Capture Primer	No specific test data related to reactivity available for this product or its ingredients.

SECTION 10: Stability and reactivity

10.2 Chemical stability	: 10X End-Repair Buffer	The product is stable.
	5X T4 DNA Ligase Buffer	The product is stable.
	Klenow DNA Polymerase	The product is stable.
	T4 DNA Ligase	The product is stable.
	T4 DNA Polymerase	The product is stable.
	T4 Polynucleotide Kinase	The product is stable.
	dNTP Mix	The product is stable.
	SureSelect XT LT BC1	The product is stable.
	SureSelect XT LT BC2	The product is stable.
	SureSelect XT LT BC3	The product is stable.
	SureSelect XT LT BC4	The product is stable.
	SureSelect XT LT BC5	The product is stable.
	SureSelect XT LT BC6	The product is stable.
	SureSelect XT LT BC7	The product is stable.
	SureSelect XT LT BC8	The product is stable.
	SureSelect XT LT BC9	The product is stable.
	SureSelect XT LT BC10	The product is stable.
	SureSelect XT LT BC11	The product is stable.
	SureSelect XT LT BC12	The product is stable.
	SureSelect XT LT BC13	The product is stable.
	SureSelect XT LT BC14	The product is stable.
SureSelect XT LT BC15	The product is stable.	
SureSelect XT LT BC16	The product is stable.	
SureSelect AB P1	The product is stable.	
SureSelect AB IA	The product is stable.	
SureSelect AB Pre	The product is stable.	
Capture Primer		
10.3 Possibility of hazardous reactions	: 10X End-Repair Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.
	5X T4 DNA Ligase Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.
	Klenow DNA Polymerase	Under normal conditions of storage and use, hazardous reactions will not occur.
	T4 DNA Ligase	Under normal conditions of storage and use, hazardous reactions will not occur.
	T4 DNA Polymerase	Under normal conditions of storage and use, hazardous reactions will not occur.
	T4 Polynucleotide Kinase	Under normal conditions of storage and use, hazardous reactions will not occur.
	dNTP Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect XT LT BC1	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect XT LT BC2	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect XT LT BC3	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect XT LT BC4	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect XT LT BC5	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect XT LT BC6	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect XT LT BC7	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect XT LT BC8	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect XT LT BC9	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect XT LT BC10	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect XT LT BC11	Under normal conditions of storage and use, hazardous	

SECTION 10: Stability and reactivity

	reactions will not occur.
SureSelect XT LT BC12	Under normal conditions of storage and use, 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 AB P1	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect AB 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.

10.4 Conditions to avoid	:	10X End-Repair Buffer	No specific data.
		5X T4 DNA Ligase Buffer	No specific data.
		Klenow DNA Polymerase	No specific data.
		T4 DNA Ligase	No specific data.
		T4 DNA Polymerase	No specific data.
		T4 Polynucleotide Kinase	No specific data.
		dNTP Mix	No specific data.
		SureSelect XT LT BC1	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 AB P1	No specific data.
		SureSelect AB IA	No specific data.
		SureSelect AB Pre Capture Primer	No specific data.

10.5 Incompatible materials	:	10X End-Repair Buffer	May react or be incompatible with oxidising materials.
		5X T4 DNA Ligase Buffer	May react or be incompatible with oxidising materials.
		Klenow DNA Polymerase	May react or be incompatible with oxidising materials.
		T4 DNA Ligase	May react or be incompatible with oxidising materials.
		T4 DNA Polymerase	May react or be incompatible with oxidising materials.
		T4 Polynucleotide Kinase	May react or be incompatible with oxidising materials.
		dNTP Mix	May react or be incompatible with oxidising materials.
		SureSelect XT LT BC1	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.
		SureSelect XT LT BC11	May react or be incompatible with oxidising materials.

SECTION 10: Stability and reactivity

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 AB P1	May react or be incompatible with oxidising materials.
SureSelect AB IA	May react or be incompatible with oxidising materials.
SureSelect AB Pre	May react or be incompatible with oxidising materials.
Capture Primer	

10.6 Hazardous decomposition products

: 10X End-Repair Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
5X T4 DNA Ligase Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Klenow DNA Polymerase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
T4 DNA Ligase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
T4 DNA Polymerase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
T4 Polynucleotide Kinase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
dNTP Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect XT LT BC1	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, hazardous decomposition products should not be produced.
SureSelect XT LT BC12	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 AB P1	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect AB IA	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect AB Pre	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Capture Primer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not available.

Acute toxicity estimates

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

Irritation/Corrosion

Conclusion/Summary : Not available.

Sensitiser

Conclusion/Summary : Not available.

Chronic toxicity / Carcinogenicity / Mutagenicity / Teratogenicity / Reproductive toxicity

Not available.

Specific target organ toxicity (single exposure)

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

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.
SureSelect XT LT BC1	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.

SECTION 11: Toxicological information

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

Potential acute health effects**Inhalation**

: 10X End-Repair Buffer	No known significant effects or critical hazards.
5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
Klenow DNA Polymerase	No known significant effects or critical hazards.
T4 DNA Ligase	No known significant effects or critical hazards.
T4 DNA Polymerase	No known significant effects or critical hazards.
T4 Polynucleotide Kinase	No known significant effects or critical hazards.
dNTP Mix	No known significant effects or critical hazards.
SureSelect XT LT BC1	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 AB P1	No known significant effects or critical hazards.
SureSelect AB 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.
SureSelect XT LT BC1	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 AB P1	No known significant effects or critical hazards.
SureSelect AB IA	No known significant effects or critical hazards.
SureSelect AB Pre Capture Primer	No known significant effects or critical hazards.

SECTION 11: Toxicological information

Skin contact	:	10X End-Repair Buffer	No known significant effects or critical hazards.
		5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
		Klenow DNA Polymerase	No known significant effects or critical hazards.
		T4 DNA Ligase	No known significant effects or critical hazards.
		T4 DNA Polymerase	No known significant effects or critical hazards.
		T4 Polynucleotide Kinase	No known significant effects or critical hazards.
		dNTP Mix	No known significant effects or critical hazards.
		SureSelect XT LT BC1	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 AB P1	No known significant effects or critical hazards.
		SureSelect AB IA	No known significant effects or critical hazards.
		SureSelect AB Pre	No known significant effects or critical hazards.
		Capture Primer	

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.
		SureSelect XT LT BC1	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 AB P1	No known significant effects or critical hazards.
		SureSelect AB IA	No known significant effects or critical hazards.
		SureSelect AB Pre	No known significant effects or critical hazards.
		Capture Primer	

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation	:	10X End-Repair Buffer	No specific data.
		5X T4 DNA Ligase Buffer	No specific data.
		Klenow DNA Polymerase	No specific data.
		T4 DNA Ligase	No specific data.
		T4 DNA Polymerase	No specific data.
		T4 Polynucleotide Kinase	No specific data.
		dNTP Mix	No specific data.
		SureSelect XT LT BC1	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 AB P1	No specific data.
	SureSelect AB IA	No specific data.
	SureSelect AB Pre	No specific data.
	Capture Primer	
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.
	SureSelect XT LT BC1	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 AB P1	No specific data.
	SureSelect AB IA	No specific data.
	SureSelect AB Pre	No specific data.
	Capture Primer	
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.
	SureSelect XT LT BC1	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.

SECTION 11: Toxicological information

	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 AB P1	No specific data.
	SureSelect AB IA	No specific data.
	SureSelect AB Pre	No specific data.
	Capture Primer	
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.
	SureSelect XT LT BC1	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 AB P1	No specific data.
	SureSelect AB IA	No specific data.
	SureSelect AB Pre	No specific data.
	Capture Primer	

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

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

General	: 10X End-Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase	No known significant effects or critical hazards.
	T4 Polynucleotide Kinase	No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.
	SureSelect XT LT BC1	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.

SECTION 11: Toxicological information

	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 AB P1	No known significant effects or critical hazards.
	SureSelect AB IA	No known significant effects or critical hazards.
	SureSelect AB Pre	No known significant effects or critical hazards.
	Capture Primer	No known significant effects or critical hazards.
Carcinogenicity	: 10X End-Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase	No known significant effects or critical hazards.
	T4 Polynucleotide Kinase	No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.
	SureSelect XT LT BC1	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 AB P1	No known significant effects or critical hazards.
	SureSelect AB IA	No known significant effects or critical hazards.
	SureSelect AB Pre	No known significant effects or critical hazards.
	Capture Primer	No known significant effects or critical hazards.
Mutagenicity	: 10X End-Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase	No known significant effects or critical hazards.
	T4 Polynucleotide Kinase	No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.
	SureSelect XT LT BC1	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.

SECTION 11: Toxicological information

	SureSelect XT LT BC15	No known significant effects or critical hazards.
	SureSelect XT LT BC16	No known significant effects or critical hazards.
	SureSelect AB P1	No known significant effects or critical hazards.
	SureSelect AB IA	No known significant effects or critical hazards.
	SureSelect AB Pre	No known significant effects or critical hazards.
	Capture Primer	
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.
	SureSelect XT LT BC1	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 AB P1	No known significant effects or critical hazards.
	SureSelect AB IA	No known significant effects or critical hazards.
	SureSelect AB Pre	No known significant effects or critical hazards.
	Capture Primer	
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.
	SureSelect XT LT BC1	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 AB P1	No known significant effects or critical hazards.
	SureSelect AB IA	No known significant effects or critical hazards.
	SureSelect AB Pre	No known significant effects or critical hazards.
	Capture Primer	

SECTION 11: Toxicological information

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.
		SureSelect XT LT BC1	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 AB P1	No known significant effects or critical hazards.
		SureSelect AB IA	No known significant effects or critical hazards.
		SureSelect AB Pre	No known significant effects or critical hazards.
		Capture Primer	No known significant effects or critical hazards.

SECTION 12: Ecological information**12.1 Toxicity**

Product/ingredient name	Result	Species	Exposure
10X End-Repair Buffer (R*,R*)-1, 4-Dimercaptobutane-2,3-diol	Acute LC50 27000 to 30000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours

12.2 Persistence and degradability

Not available.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

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

Mobility : Not available.

12.5 Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB : Not applicable.

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

SECTION 13: Disposal considerations**13.1 Waste treatment methods**Product

- Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
- Hazardous waste** : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

Packaging

- Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
- Special precautions** : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information**Regulatory information**

- ADR/RID / IMDG / IATA** : Not regulated.

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

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

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**EU Regulation (EC) No. 1907/2006 (REACH)Annex XIV - List of substances subject to authorisationAnnex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

- Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** :
- | | |
|--------------------------|-----------------|
| 10X End-Repair Buffer | Not applicable. |
| 5X T4 DNA Ligase Buffer | Not applicable. |
| Klenow DNA Polymerase | Not applicable. |
| T4 DNA Ligase | Not applicable. |
| T4 DNA Polymerase | Not applicable. |
| T4 Polynucleotide Kinase | Not applicable. |
| dNTP Mix | Not applicable. |
| SureSelect XT LT BC1 | 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. |

SECTION 15: Regulatory information

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 AB P1 Not applicable.
 SureSelect AB IA Not applicable.
 SureSelect AB Pre Not applicable.
 Capture Primer

Other EU regulations

Europe inventory : All components are listed or exempted.

Seveso Directive

This product is not controlled under the Seveso Directive.

National regulations**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 Inform Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

International lists**National inventory**

Australia : Not determined.
Canada : Not determined.
China : All components are listed or exempted.
Japan : **Japan inventory (ENCS)**: Not determined.
Japan inventory (ISHL): Not determined.
Malaysia : Not determined.
New Zealand : Not determined.
Philippines : Not determined.
Republic of Korea : Not determined.
Taiwan : All components are listed or exempted.
Turkey : Not determined.
United States : All components are listed or exempted.

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

SECTION 16: Other information

✔ Indicates information that has changed from previously issued version.

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

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

Classification	Justification
Not classified.	

Full text of abbreviated H statements : **10X End-Repair Buffer**
 H302 Harmful if swallowed.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.
 H412 Harmful to aquatic life with long lasting effects.

5X T4 DNA Ligase Buffer

H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.

Full text of classifications [CLP/GHS] : **10X End-Repair Buffer**
 Acute Tox. 4, H302 ACUTE TOXICITY (oral) - Category 4
 Aquatic Chronic 3, H412 LONG-TERM AQUATIC HAZARD - Category 3
 Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
 Skin Irrit. 2, H315 SKIN CORROSION/IRRITATION - Category 2
 STOT SE 3, H335 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

5X T4 DNA Ligase Buffer

Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
 Skin Irrit. 2, H315 SKIN CORROSION/IRRITATION - Category 2
 STOT SE 3, H335 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

Date of issue/ Date of revision : 23/12/2015

Date of previous issue : No previous validation.

Version : 1

Notice to reader

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