

SAFETY DATA SHEET



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

Section 1. Identification

1.1 Product identifier

Product name	: SureSelect XT Library Prep Kit-S4 - 480 Reactions, Part Number 5500-0079	
Part No. (Chemical 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 Capture Primer	5190-3199

Validation date : 12/23/2015

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

Material 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

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SureSelect XT LT BC14	0.15 ml
SureSelect XT LT BC15	0.15 ml
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

Supplier/Manufacturer : Agilent Technologies, Inc.
5301 Stevens Creek Blvd
Santa Clara, CA 95051, USA
800-227-9770

1.4 Emergency telephone number

In case of emergency : CHEMTREC®: 1-800-424-9300

Section 2. Hazards identification

2.1 Classification of the substance or mixture

OSHA/HCS status : 10X End-Repair Buffer	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
5X T4 DNA Ligase Buffer	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Klenow DNA Polymerase	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
T4 DNA Ligase	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
T4 DNA Polymerase	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
T4 Polynucleotide Kinase	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
dNTP Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureSelect XT LT BC1	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureSelect XT LT BC2	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureSelect XT LT BC3	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This

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	<p>SDS should be retained and available for employees and other users of this product.</p>
SureSelect XT LT BC4	<p>While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.</p>
SureSelect XT LT BC5	<p>While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.</p>
SureSelect XT LT BC6	<p>While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.</p>
SureSelect XT LT BC7	<p>While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.</p>
SureSelect XT LT BC8	<p>While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.</p>
SureSelect XT LT BC9	<p>While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.</p>
SureSelect XT LT BC10	<p>While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.</p>
SureSelect XT LT BC11	<p>While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.</p>
SureSelect XT LT BC12	<p>While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.</p>
SureSelect XT LT BC13	<p>While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to</p>

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	the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureSelect XT LT BC14	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureSelect XT LT BC15	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureSelect XT LT BC16	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureSelect AB P1	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureSelect AB IA	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureSelect AB Pre Capture Primer	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture

5X T4 DNA Ligase Buffer

H319 EYE IRRITATION - Category 2A

Klenow DNA Polymerase

H320 EYE IRRITATION - Category 2B

T4 DNA Ligase

H320 EYE IRRITATION - Category 2B

T4 DNA Polymerase

H320 EYE IRRITATION - Category 2B

T4 Polynucleotide Kinase

H320 EYE IRRITATION - Category 2B

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Ingredients of unknown toxicity	: 10X End-Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix SureSelect XT LT BC1 SureSelect XT LT BC2 SureSelect XT LT BC3 SureSelect XT LT BC4 SureSelect XT LT BC5 SureSelect XT LT BC6 SureSelect XT LT BC7 SureSelect XT LT BC8 SureSelect XT LT BC9 SureSelect XT LT BC10 SureSelect XT LT BC11 SureSelect XT LT BC12 SureSelect XT LT BC13 SureSelect XT LT BC14 SureSelect XT LT BC15 SureSelect XT LT BC16 SureSelect AB P1 SureSelect AB IA SureSelect AB Pre Capture Primer	Percentage of the mixture consisting of ingredient (s) of unknown toxicity: 7.9% Percentage of the mixture consisting of ingredient (s) of unknown toxicity: 28.9% Not applicable. Not applicable. Not applicable. Not applicable. Percentage of the mixture consisting of ingredient (s) of unknown toxicity: 5.7% Not applicable.
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2.2 GHS label elements

Hazard pictograms :



Signal word :

: 10X End-Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix SureSelect XT LT BC1 SureSelect XT LT BC2 SureSelect XT LT BC3 SureSelect XT LT BC4 SureSelect XT LT BC5 SureSelect XT LT BC6 SureSelect XT LT BC7 SureSelect XT LT BC8 SureSelect XT LT BC9 SureSelect XT LT BC10 SureSelect XT LT BC11 SureSelect XT LT BC12 SureSelect XT LT BC13 SureSelect XT LT BC14 SureSelect XT LT BC15	No signal word. Warning Warning Warning Warning Warning No signal word.
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	SureSelect XT LT BC16	No signal word.
	SureSelect AB P1	No signal word.
	SureSelect AB IA	No signal word.
	SureSelect AB Pre Capture Primer	No signal word.
Hazard statements	: 10X End-Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	GHS SYMBOL - Exclamation mark - H319 - Causes serious eye irritation.
	Klenow DNA Polymerase	H320 - Causes eye irritation.
	T4 DNA Ligase	H320 - Causes eye irritation.
	T4 DNA Polymerase	H320 - Causes eye irritation.
	T4 Polynucleotide Kinase	H320 - Causes eye irritation.
	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.

Precautionary statements

Prevention	: 10X End-Repair Buffer	Not applicable.
	5X T4 DNA Ligase Buffer	P280 - Wear eye or face protection.
	Klenow DNA Polymerase	P264 - Wash hands thoroughly after handling.
	T4 DNA Ligase	P264 - Wash hands thoroughly after handling.
	T4 DNA Polymerase	P264 - Wash hands thoroughly after handling.
	T4 Polynucleotide Kinase	P264 - Wash hands thoroughly after handling.
	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.

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Response	SureSelect AB Pre Capture Primer	Not applicable.
	: 10X End-Repair Buffer	Not applicable.
	5X T4 DNA Ligase Buffer	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
	Klenow DNA Polymerase	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
	T4 DNA Ligase	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
	T4 DNA Polymerase	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
	T4 Polynucleotide Kinase	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
	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.

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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.
		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.
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 Capture Primer	Not applicable.

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Supplemental label elements	:	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 Capture Primer	None known.

2.3 Other hazards

Hazards not otherwise classified	:	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 Capture Primer	None known.

Section 3. Composition/information on ingredients

Substance/mixture	:	10X End-Repair Buffer	Mixture
		5X T4 DNA Ligase Buffer	Mixture
		Klenow DNA Polymerase	Mixture
		T4 DNA Ligase	Mixture
		T4 DNA Polymerase	Mixture
		T4 Polynucleotide Kinase	Mixture
		dNTP Mix	Mixture
		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

Ingredient name	%	CAS number
10X End-Repair Buffer		
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	≤8	1185-53-1
(R*,R*)-1,4-Dimercaptobutane-2,3-diol	≤1.5	3483-12-3
5X T4 DNA Ligase Buffer		
Polyethylene glycol	≥25 - ≤50	25322-68-3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	≤5	1185-53-1
Klenow DNA Polymerase		
Glycerol	≥50 - ≤75	56-81-5
T4 DNA Ligase		
Glycerol	≥50 - ≤75	56-81-5
T4 DNA Polymerase		
Glycerol	≥50 - ≤75	56-81-5
T4 Polynucleotide Kinase		
Glycerol	≥50 - ≤75	56-81-5
dNTP Mix		
2'-Deoxyguanosine 5'-(tetrahydrogen triphosphate)	≤3	2564-35-4
2'-Deoxyadenosine 5'-(tetrahydrogen triphosphate)	≤3	1927-31-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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

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

Section 4. First aid measures

4.1 Description of necessary first aid measures

Eye contact	: 10X End-Repair Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	5X T4 DNA Ligase Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
	Klenow DNA Polymerase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
	T4 DNA Ligase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
	T4 DNA Polymerase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
	T4 Polynucleotide Kinase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
	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.

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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.

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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. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	Klenow DNA Polymerase	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
	T4 DNA Ligase	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
	T4 DNA Polymerase	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

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T4 Polynucleotide Kinase	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
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 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

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		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. Wash clothing before reuse. Clean shoes thoroughly before reuse.
	Klenow DNA Polymerase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
	T4 DNA Ligase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
	T4 DNA Polymerase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
	T4 Polynucleotide Kinase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
	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

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SureSelect XT LT BC5	medical attention if symptoms occur. 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.
SureSelect XT LT BC8	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC9	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC10	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC11	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC12	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC13	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC14	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC15	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect XT LT BC16	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect 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 dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting

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Klenow DNA Polymerase	<p>may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</p> <p>Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</p>
T4 DNA Ligase	<p>Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</p>
T4 DNA Polymerase	<p>Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</p>
T4 Polynucleotide Kinase	Wash out mouth with water. Remove dentures if

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	any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
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

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SureSelect XT LT BC15	unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect 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 personnel. Get medical attention if symptoms occur.

4.2 Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	: 10X End-Repair Buffer 5X T4 DNA Ligase Buffer Klenow DNA Polymerase T4 DNA Ligase T4 DNA Polymerase T4 Polynucleotide Kinase dNTP Mix SureSelect XT LT BC1 SureSelect XT LT BC2 SureSelect XT LT BC3 SureSelect XT LT BC4 SureSelect XT LT BC5 SureSelect XT LT BC6 SureSelect XT LT BC7 SureSelect XT LT BC8 SureSelect XT LT BC9 SureSelect XT LT BC10 SureSelect XT LT BC11	No known significant effects or critical hazards. Causes serious eye irritation. Causes eye irritation. Causes eye irritation. Causes eye irritation. Causes eye irritation. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
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	SureSelect XT 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.
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.
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.

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	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.	

Over-exposure signs/symptoms

Eye contact	: 10X End-Repair Buffer	No specific data.
	5X T4 DNA Ligase Buffer	Adverse symptoms may include the following: pain or irritation watering redness
	Klenow DNA Polymerase	Adverse symptoms may include the following: irritation watering redness
	T4 DNA Ligase	Adverse symptoms may include the following: irritation watering redness
	T4 DNA Polymerase	Adverse symptoms may include the following: irritation watering redness
	T4 Polynucleotide Kinase	Adverse symptoms may include the following: irritation watering redness
	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.

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	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.
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 Capture Primer	No specific data.
Skin contact	: 10X End-Repair Buffer	No specific data.
	5X T4 DNA Ligase Buffer	No specific data.
	Klenow DNA Polymerase	No specific data.
	T4 DNA Ligase	No specific data.
	T4 DNA Polymerase	No specific data.
	T4 Polynucleotide Kinase	No specific data.
	dNTP Mix	No specific data.
	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.

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

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

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

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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 immediately if large quantities have been ingested or inhaled.
SureSelect XT LT BC15	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect XT LT BC16	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect 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.

Section 4. First aid measures

SureSelect XT LT BC6	or without suitable training. 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.

See toxicological information (Section 11)

Section 5. Fire-fighting 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.

Section 5. Fire-fighting measures

SureSelect XT LT BC6	Use an extinguishing agent suitable for the surrounding fire.
SureSelect XT LT BC7	Use an extinguishing agent suitable for the surrounding fire.
SureSelect XT LT BC8	Use an extinguishing agent suitable for the surrounding fire.
SureSelect XT LT BC9	Use an extinguishing agent suitable for the surrounding fire.
SureSelect XT LT BC10	Use an extinguishing agent suitable for the surrounding fire.
SureSelect XT LT BC11	Use an extinguishing agent suitable for the surrounding fire.
SureSelect XT LT BC12	Use an extinguishing agent suitable for the surrounding fire.
SureSelect XT LT BC13	Use an extinguishing agent suitable for the surrounding fire.
SureSelect XT LT BC14	Use an extinguishing agent suitable for the surrounding fire.
SureSelect XT LT BC15	Use an extinguishing agent suitable for the surrounding fire.
SureSelect XT LT BC16	Use an extinguishing agent suitable for the surrounding fire.
SureSelect 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 Capture Primer	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	
: 10X End-Repair Buffer	None known.
5X T4 DNA Ligase Buffer	None known.
Klenow DNA Polymerase	None known.
T4 DNA Ligase	None known.
T4 DNA Polymerase	None known.
T4 Polynucleotide Kinase	None known.
dNTP Mix	None known.
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 Capture Primer	None known.

5.2 Special hazards arising from the substance or mixture

Section 5. Fire-fighting measures

Specific hazards arising from the chemical	: 10X End-Repair Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
	5X T4 DNA Ligase Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
	Klenow DNA Polymerase	In a fire or if heated, a pressure increase will occur and the container may burst.
	T4 DNA Ligase	In a fire or if heated, a pressure increase will occur and the container may burst.
	T4 DNA Polymerase	In a fire or if heated, a pressure increase will occur and the container may burst.
	T4 Polynucleotide Kinase	In a fire or if heated, a pressure increase will occur and the container may burst.
	dNTP Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
	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 container may burst.
	SureSelect XT LT BC9	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect XT LT BC10	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect XT LT BC11	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect XT LT BC12	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect XT LT BC13	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect XT LT BC14	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect XT LT BC15	In a fire or if heated, a pressure increase will occur and the container may burst.
	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 thermal decomposition products	: 10X End-Repair Buffer	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulfur oxides halogenated compounds

Section 5. Fire-fighting measures

5X T4 DNA Ligase Buffer	metal oxide/oxides Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds
Klenow DNA Polymerase	metal oxide/oxides 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.
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.

5.3 Advice for firefighters

Special protective actions for fire-fighters

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

Section 5. Fire-fighting measures

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

Section 5. Fire-fighting measures

SureSelect XT LT BC11	without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureSelect 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.
5X T4 DNA Ligase Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Klenow DNA Polymerase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
T4 DNA Ligase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
T4 DNA Polymerase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
T4 Polynucleotide Kinase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus

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

Section 5. Fire-fighting measures

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

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	: 10X End-Repair Buffer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled 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 spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
	Klenow DNA Polymerase	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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 spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate

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T4 DNA Polymerase	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. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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 spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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

Section 6. Accidental release measures

SureSelect XT LT BC7	touch or walk through spilled material. Put on 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

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SureSelect AB P1	unprotected personnel from entering. Do not touch or walk through spilled material. Put on 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 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. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
For emergency responders : 10X End-Repair Buffer	If specialized 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 specialized 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 specialized 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 specialized 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 specialized 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 specialized 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 specialized 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 specialized 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 specialized 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 specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

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SureSelect XT LT BC4	on suitable and unsuitable materials. See also the information in "For non-emergency personnel". If specialized 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 specialized 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 specialized 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 specialized 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 specialized 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 specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect XT LT BC10	If specialized 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 specialized 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 specialized 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 specialized 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 specialized 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 specialized 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 specialized 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 specialized 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 specialized clothing is required to deal with the

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	SureSelect AB Pre Capture Primer	spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". If specialized 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	dNTP Mix	Avoid dispersal of spilled 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 spilled 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 spilled 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 spilled 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 spilled material and runoff and

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	contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect XT LT BC5	Avoid dispersal of spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

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SureSelect XT LT BC16	Avoid dispersal of spilled 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 spilled 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 spilled 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 spilled 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 materials 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.

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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 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.

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SureSelect XT LT BC10	disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect XT LT BC11	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect XT LT BC12	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect XT LT BC13	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect XT LT BC14	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect XT LT BC15	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect XT LT BC16	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect 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

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disposal container. Dispose of via a licensed waste disposal contractor.

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). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Klenow DNA Polymerase	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
T4 DNA Ligase	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
T4 DNA Polymerase	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
T4 Polynucleotide Kinase	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
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

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		(see Section 8).
	SureSelect XT LT BC6	Put on appropriate personal protective equipment (see Section 8).
	SureSelect XT LT BC7	Put on appropriate personal protective equipment (see Section 8).
	SureSelect XT LT BC8	Put on appropriate personal protective equipment (see Section 8).
	SureSelect XT LT BC9	Put on appropriate personal protective equipment (see Section 8).
	SureSelect XT LT BC10	Put on appropriate personal protective equipment (see Section 8).
	SureSelect XT LT BC11	Put on appropriate personal protective equipment (see Section 8).
	SureSelect XT LT BC12	Put on appropriate personal protective equipment (see Section 8).
	SureSelect XT LT BC13	Put on appropriate personal protective equipment (see Section 8).
	SureSelect XT LT BC14	Put on appropriate personal protective equipment (see Section 8).
	SureSelect XT LT BC15	Put on appropriate personal protective equipment (see Section 8).
	SureSelect XT LT BC16	Put on appropriate personal protective equipment (see Section 8).
	SureSelect 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

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T4 Polynucleotide Kinase	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. 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, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect XT LT BC2	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect XT LT BC3	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect XT LT BC4	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect XT LT BC5	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect XT LT BC6	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment

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SureSelect XT LT BC7	before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect XT LT BC8	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect XT LT BC9	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect XT LT BC10	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect XT LT BC11	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect XT LT BC12	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect XT LT BC13	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect XT LT BC14	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect XT LT BC15	Eating, drinking and smoking should be prohibited

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SureSelect XT LT BC16	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. 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 unlabeled 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 unlabeled containers. Use appropriate containment to avoid environmental contamination.
Klenow DNA Polymerase	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food

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T4 DNA Ligase	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 unlabeled containers. Use appropriate containment to avoid environmental 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 unlabeled 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 unlabeled 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 unlabeled 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 unlabeled 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 unlabeled 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

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SureSelect XT LT BC3	<p>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 unlabeled containers. Use appropriate containment to avoid environmental contamination.</p> <p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.</p>
SureSelect XT LT BC4	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.</p>
SureSelect XT LT BC5	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.</p>
SureSelect XT LT BC6	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.</p>
SureSelect XT LT BC7	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.</p>
SureSelect XT LT BC8	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a</p>

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	<p>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 unlabeled containers. Use appropriate containment to avoid environmental contamination.</p>
SureSelect XT LT BC9	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.</p>
SureSelect XT LT BC10	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.</p>
SureSelect XT LT BC11	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.</p>
SureSelect XT LT BC12	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.</p>
SureSelect XT LT BC13	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.</p>
SureSelect XT LT BC14	<p>Store in accordance with local regulations. Store in</p>

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

Section 7. Handling and storage

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.
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.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
10X End-Repair Buffer 2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride (R*,R*)-1,4-Dimercaptobutane-2,3-diol	None. None.
5X T4 DNA Ligase Buffer Polyethylene glycol 2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	AIHA WEEL (United States, 5/2010). TWA: 10 mg/m ³ 8 hours. Form: Aerosol None.
Klenow DNA Polymerase Glycerol	OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 10 mg/m ³ 8 hours. Form: Total dust OSHA PEL (United States, 2/2013). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 15 mg/m ³ 8 hours. Form: Total dust
T4 DNA Ligase Glycerol	OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 10 mg/m ³ 8 hours. Form: Total dust OSHA PEL (United States, 2/2013). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 15 mg/m ³ 8 hours. Form: Total dust
T4 DNA Polymerase Glycerol	OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 10 mg/m ³ 8 hours. Form: Total dust OSHA PEL (United States, 2/2013). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 15 mg/m ³ 8 hours. Form: Total dust
T4 Polynucleotide Kinase Glycerol	OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 10 mg/m ³ 8 hours. Form: Total dust OSHA PEL (United States, 2/2013). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 15 mg/m ³ 8 hours. Form: Total dust
dNTP Mix 2'-Deoxyguanosine 5'-(tetrahydrogen triphosphate) 2'-Deoxyadenosine 5'-(tetrahydrogen triphosphate)	None. None.

Section 8. Exposure controls/personal protection

8.2 Exposure controls

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

Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

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.

Section 9. Physical and chemical properties

	SureSelect XT LT BC7	Liquid.
	SureSelect XT LT BC8	Liquid.
	SureSelect XT LT BC9	Liquid.
	SureSelect XT LT BC10	Liquid.
	SureSelect XT LT BC11	Liquid.
	SureSelect XT LT BC12	Liquid.
	SureSelect XT LT BC13	Liquid.
	SureSelect XT LT BC14	Liquid.
	SureSelect XT LT BC15	Liquid.
	SureSelect XT LT BC16	Liquid.
	SureSelect AB P1	Liquid.
	SureSelect AB IA	Liquid.
	SureSelect AB Pre Capture Primer	Liquid.
Color	: 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.
Odor	: 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.

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	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.
Odor 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 Capture Primer	Not available.
pH	: 10X End-Repair Buffer	7.5
	5X T4 DNA Ligase Buffer	7.5
	Klenow DNA Polymerase	7.5
	T4 DNA Ligase	7.4
	T4 DNA Polymerase	6.5
	T4 Polynucleotide Kinase	7.4
	dNTP Mix	7.5
	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.

Section 9. Physical and chemical properties

Melting point	:	10X End-Repair Buffer	Not available.
		5X T4 DNA Ligase Buffer	Not available.
		Klenow DNA Polymerase	Not available.
		T4 DNA Ligase	Not available.
		T4 DNA Polymerase	Not available.
		T4 Polynucleotide Kinase	Not available.
		dNTP Mix	Not available.
		SureSelect XT LT BC1	0°C (32°F)
		SureSelect XT LT BC2	0°C (32°F)
		SureSelect XT LT BC3	0°C (32°F)
		SureSelect XT LT BC4	0°C (32°F)
		SureSelect XT LT BC5	0°C (32°F)
		SureSelect XT LT BC6	0°C (32°F)
		SureSelect XT LT BC7	0°C (32°F)
		SureSelect XT LT BC8	0°C (32°F)
		SureSelect XT LT BC9	0°C (32°F)
		SureSelect XT LT BC10	0°C (32°F)
		SureSelect XT LT BC11	0°C (32°F)
		SureSelect XT LT BC12	0°C (32°F)
		SureSelect XT LT BC13	0°C (32°F)
		SureSelect XT LT BC14	0°C (32°F)
		SureSelect XT LT BC15	0°C (32°F)
		SureSelect XT LT BC16	0°C (32°F)
		SureSelect AB P1	0°C (32°F)
		SureSelect AB IA	0°C (32°F)
		SureSelect AB Pre Capture Primer	0°C (32°F)
	Boiling point	:	10X End-Repair Buffer
		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 (212°F)
		SureSelect XT LT BC2	100°C (212°F)
		SureSelect XT LT BC3	100°C (212°F)
		SureSelect XT LT BC4	100°C (212°F)
		SureSelect XT LT BC5	100°C (212°F)
		SureSelect XT LT BC6	100°C (212°F)
		SureSelect XT LT BC7	100°C (212°F)
		SureSelect XT LT BC8	100°C (212°F)
		SureSelect XT LT BC9	100°C (212°F)
		SureSelect XT LT BC10	100°C (212°F)
		SureSelect XT LT BC11	100°C (212°F)
		SureSelect XT LT BC12	100°C (212°F)
		SureSelect XT LT BC13	100°C (212°F)
		SureSelect XT LT BC14	100°C (212°F)
		SureSelect XT LT BC15	100°C (212°F)
		SureSelect XT LT BC16	100°C (212°F)
		SureSelect AB P1	100°C (212°F)
		SureSelect AB IA	100°C (212°F)
		SureSelect AB Pre Capture Primer	100°C (212°F)

Section 9. Physical and chemical properties

Flash point	:	10X End-Repair Buffer	Not available.
		5X T4 DNA Ligase Buffer	Not available.
		Klenow DNA Polymerase	Not available.
		T4 DNA Ligase	Not available.
		T4 DNA Polymerase	Not available.
		T4 Polynucleotide Kinase	Not available.
		dNTP Mix	Not available.
		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.	
Evaporation rate	:	10X End-Repair Buffer	Not available.
		5X T4 DNA Ligase Buffer	Not available.
		Klenow DNA Polymerase	Not available.
		T4 DNA Ligase	Not available.
		T4 DNA Polymerase	Not available.
		T4 Polynucleotide Kinase	Not available.
		dNTP Mix	Not available.
		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.	

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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.	
Lower and upper explosive (flammable) limits	:	10X End-Repair Buffer	Not available.
		5X T4 DNA Ligase Buffer	Not available.
		Klenow DNA Polymerase	Not available.
		T4 DNA Ligase	Not available.
		T4 DNA Polymerase	Not available.
		T4 Polynucleotide Kinase	Not available.
		dNTP Mix	Not available.
		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.	

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Vapor pressure	:	10X End-Repair Buffer	Not available.
		5X T4 DNA Ligase Buffer	Not available.
		Klenow DNA Polymerase	Not available.
		T4 DNA Ligase	Not available.
		T4 DNA Polymerase	Not available.
		T4 Polynucleotide Kinase	Not available.
		dNTP Mix	Not available.
		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.
Vapor 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 Capture Primer	Not available.

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Relative density	:	10X End-Repair Buffer	Not available.
		5X T4 DNA Ligase Buffer	Not available.
		Klenow DNA Polymerase	Not available.
		T4 DNA Ligase	Not available.
		T4 DNA Polymerase	Not available.
		T4 Polynucleotide Kinase	Not available.
		dNTP Mix	Not available.
		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.
Solubility	:	10X End-Repair Buffer	Soluble in the following materials: cold water and hot water.
		5X T4 DNA Ligase Buffer	Soluble in the following materials: cold water and hot water.
		Klenow DNA Polymerase	Soluble in the following materials: cold water and hot water.
		T4 DNA Ligase	Soluble in the following materials: cold water and hot water.
		T4 DNA Polymerase	Soluble in the following materials: cold water and hot water.
		T4 Polynucleotide Kinase	Soluble in the following materials: cold water and hot water.
		dNTP Mix	Soluble in the following materials: cold water and hot water.
		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

Section 9. Physical and chemical properties

SureSelect XT LT BC11	and hot water. 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.

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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.

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 Capture Primer	Not available.

Viscosity	:	10X End-Repair Buffer	Not available.
		5X T4 DNA Ligase Buffer	Not available.
		Klenow DNA Polymerase	Not available.
		T4 DNA Ligase	Not available.
		T4 DNA Polymerase	Not available.
		T4 Polynucleotide Kinase	Not available.
		dNTP Mix	Not available.
		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.

Section 9. Physical and chemical properties

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.

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 Capture Primer	No specific test data related to reactivity available

Section 10. Stability and reactivity

for this product or its ingredients.

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 Capture Primer	The product is stable.

10.3 Possibility of hazardous reactions

: 10X End-Repair Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.
5X T4 DNA Ligase Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.
Klenow DNA Polymerase	Under normal conditions of storage and use, hazardous reactions will not occur.
T4 DNA Ligase	Under normal conditions of storage and use, hazardous reactions will not occur.
T4 DNA Polymerase	Under normal conditions of storage and use, hazardous reactions will not occur.
T4 Polynucleotide Kinase	Under normal conditions of storage and use, hazardous reactions will not occur.
dNTP Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
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,

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SureSelect XT LT BC9	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 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 oxidizing materials.
		5X T4 DNA Ligase Buffer	May react or be incompatible with oxidizing materials.
		Klenow DNA Polymerase	May react or be incompatible with oxidizing materials.
		T4 DNA Ligase	May react or be incompatible with oxidizing materials.

Section 10. Stability and reactivity

T4 DNA Polymerase	May react or be incompatible with oxidizing materials.
T4 Polynucleotide Kinase	May react or be incompatible with oxidizing materials.
dNTP Mix	May react or be incompatible with oxidizing materials.
SureSelect XT LT BC1	May react or be incompatible with oxidizing materials.
SureSelect XT LT BC2	May react or be incompatible with oxidizing materials.
SureSelect XT LT BC3	May react or be incompatible with oxidizing materials.
SureSelect XT LT BC4	May react or be incompatible with oxidizing materials.
SureSelect XT LT BC5	May react or be incompatible with oxidizing materials.
SureSelect XT LT BC6	May react or be incompatible with oxidizing materials.
SureSelect XT LT BC7	May react or be incompatible with oxidizing materials.
SureSelect XT LT BC8	May react or be incompatible with oxidizing materials.
SureSelect XT LT BC9	May react or be incompatible with oxidizing materials.
SureSelect XT LT BC10	May react or be incompatible with oxidizing materials.
SureSelect XT LT BC11	May react or be incompatible with oxidizing materials.
SureSelect XT LT BC12	May react or be incompatible with oxidizing materials.
SureSelect XT LT BC13	May react or be incompatible with oxidizing materials.
SureSelect XT LT BC14	May react or be incompatible with oxidizing materials.
SureSelect XT LT BC15	May react or be incompatible with oxidizing materials.
SureSelect XT LT BC16	May react or be incompatible with oxidizing materials.
SureSelect AB P1	May react or be incompatible with oxidizing materials.
SureSelect AB IA	May react or be incompatible with oxidizing materials.
SureSelect AB Pre Capture Primer	May react or be incompatible with oxidizing materials.

10.6 Hazardous decomposition products

: 10X End-Repair Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
5X T4 DNA Ligase Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Klenow DNA Polymerase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
T4 DNA Ligase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
T4 DNA Polymerase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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T4 Polynucleotide Kinase	produced. 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,

Section 10. Stability and reactivity

SureSelect AB Pre Capture Primer

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

hazardous decomposition products should not be produced.

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

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

Irritation/Corrosion

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

Sensitization

Not available.

Mutagenicity

Section 11. Toxicological information

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

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 the 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

Eye contact

: 10X End-Repair Buffer	No known significant effects or critical hazards.
5X T4 DNA Ligase Buffer	Causes serious eye irritation.
Klenow DNA Polymerase	Causes eye irritation.
T4 DNA Ligase	Causes eye irritation.
T4 DNA Polymerase	Causes eye irritation.
T4 Polynucleotide Kinase	Causes eye irritation.
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.

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.

Section 11. Toxicological information

Eye contact	: 10X End-Repair Buffer	No specific data.
	5X T4 DNA Ligase Buffer	Adverse symptoms may include the following: pain or irritation watering redness
	Klenow DNA Polymerase	Adverse symptoms may include the following: irritation watering redness
	T4 DNA Ligase	Adverse symptoms may include the following: irritation watering redness
	T4 DNA Polymerase	Adverse symptoms may include the following: irritation watering redness
	T4 Polynucleotide Kinase	Adverse symptoms may include the following: irritation watering redness
	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.	
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.	

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	SureSelect XT LT BC11	No specific data.
	SureSelect XT LT BC12	No specific data.
	SureSelect XT LT BC13	No specific data.
	SureSelect XT LT BC14	No specific data.
	SureSelect XT LT BC15	No specific data.
	SureSelect XT LT BC16	No specific data.
	SureSelect AB P1	No specific data.
	SureSelect AB IA	No specific data.
	SureSelect AB Pre Capture Primer	No specific data.
Skin contact	: 10X End-Repair Buffer	No specific data.
	5X T4 DNA Ligase Buffer	No specific data.
	Klenow DNA Polymerase	No specific data.
	T4 DNA Ligase	No specific data.
	T4 DNA Polymerase	No specific data.
	T4 Polynucleotide Kinase	No specific data.
	dNTP Mix	No specific data.
	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.
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.

Section 11. Toxicological information

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

Delayed and immediate effects and also 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.
	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.
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.

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	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.
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.
	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.
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.

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

Numerical measures of toxicity

Acute toxicity estimates

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

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
5X T4 DNA Ligase Buffer Polyethylene glycol	Acute LC50 >1000000 µg/l Fresh water	Fish - Salmo salar - Parr	96 hours

12.2 Persistence and degradability

Not available.

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Klenow DNA Polymerase Glycerol	-1.76	-	low
T4 DNA Ligase Glycerol	-1.76	-	low
T4 DNA Polymerase Glycerol	-1.76	-	low
T4 Polynucleotide Kinase Glycerol	-1.76	-	low

12.4 Mobility in soil

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

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

Section 13. Disposal considerations

13.1 Waste treatment methods

Section 13. Disposal considerations

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

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

Section 14. Transport information

Regulatory information

DOT / IMDG / IATA : Not regulated.

Section 15. Regulatory information

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

U.S. Federal regulations : **United States inventory (TSCA 8b)**: All components are listed or exempted.
Clean Water Act (CWA) 311: Edetic acid; Disodium hydrogenorthophosphate

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : Immediate (acute) health hazard

Composition/information on ingredients

Section 15. Regulatory information

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
10X End-Repair Buffer						
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	≤8	No.	No.	No.	Yes.	No.
(R*,R*)-1,4-Dimercaptobutane-2,3-diol	≤1.5	No.	No.	No.	Yes.	No.
5X T4 DNA Ligase Buffer						
Polyethylene glycol	≥25 - ≤50	Yes.	No.	No.	Yes.	No.
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	≤5	No.	No.	No.	Yes.	No.
Klenow DNA Polymerase						
Glycerol	≥50 - ≤75	No.	No.	No.	Yes.	No.
T4 DNA Ligase						
Glycerol	≥50 - ≤75	No.	No.	No.	Yes.	No.
T4 DNA Polymerase						
Glycerol	≥50 - ≤75	No.	No.	No.	Yes.	No.
T4 Polynucleotide Kinase						
Glycerol	≥50 - ≤75	No.	No.	No.	Yes.	No.
dNTP Mix						
2'-Deoxyguanosine 5'-(tetrahydrogen triphosphate)	≤3	No.	No.	No.	Yes.	No.
2'-Deoxyadenosine 5'-(tetrahydrogen triphosphate)	≤3	No.	No.	No.	Yes.	No.

State regulations

Massachusetts

: The following components are listed: GLYCERINE MIST

New York

: None of the components are listed.

New Jersey

: The following components are listed: GLYCERIN; 1,2,3-PROPANETRIOL

Pennsylvania

: The following components are listed: 1,2,3-PROPANETRIOL

California Prop. 65

No products were found.

Canada inventory

: Not determined.

International regulations

International lists

: **Australia inventory (AICS):** Not determined.
China inventory (IECSC): All components are listed or exempted.
Japan inventory (ENCS): Not determined.
Japan inventory (ISHL): Not determined.
Korea inventory: Not determined.
Malaysia Inventory (EHS Register): Not determined.
New Zealand Inventory of Chemicals (NZIoC): Not determined.
Philippines inventory (PICCS): Not determined.
Taiwan Chemical Substances Inventory (TCSI): All components are listed or exempted.
Turkey inventory: Not determined.

Section 15. Regulatory information

Chemical Weapons : Not listed

Convention List Schedule

I Chemicals

Chemical Weapons : Not listed

Convention List Schedule

II Chemicals

Chemical Weapons : Not listed

Convention List Schedule

III Chemicals

Section 16. Other information

History

Date of issue : 12/23/2015

Date of previous issue : No previous validation.

Version : 1

✔ Indicates information that has changed from previously issued version.

Notice to reader

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