

Agilent Technologies Australia Pty Ltd  
679 Springvale Road  
Mulgrave  
Victoria 3170, Australia  
1800 802 402

**Product: SureSelect XT Reagent Kit-S5500 - 96 Samples, Part Number G9615B**

## 1. Identification of the material and supplier

### Names

<b>Product name</b>	: Product: SureSelect XT Reagent Kit-S5500 - 96 Samples, Part Number G9615B
<b>Part No. (Chemical Kit)</b>	: G9615B
<b>Part No.</b>	: 10X End-Repair Buffer 5190-3609 5X T4 DNA Ligase Buffer 5190-3610 Klenow DNA Polymerase 5190-3615 T4 DNA Ligase 5190-3612 T4 DNA Polymerase 5190-3614 T4 Polynucleotide Kinase 5190-3616 dNTP Mix 5190-3618 10x Klenow Polymerase Buffer 5190-3611 Exo(-) Klenow 5190-3613 dATP 5190-3617 SureSelect LTI5500 P1 5190-5463 SureSelect LTI5500 IA 5190-5464 SureSelect LTI Pre Capture Primer 5190-5465 SureSelect LTI5500 BC1-BC96 Plate 5190-5462 SureSelect RNase Block 5972-3700 SureSelect Hyb #3 5190-4385 SureSelect Block #2 5972-3698 SureSelect Indexing Block #1 5972-3697 SureSelect LT Indexing Block #3 5190-4448 SureSelect Hyb #1 5190-4404 SureSelect Hyb #2 5190-4405 SureSelect Hyb #4 5190-4406 SureSelect Binding Buffer 5190-4407 SureSelect Wash Buffer 1 5190-4408 SureSelect Wash Buffer 2 5190-4409

**ADG** : Not regulated as Dangerous Goods according to the ADG Code

### Supplier

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

**Emergency telephone number** : CHEMTREC®: +(61)-290372994

### Uses

<b>Area of application</b>	: 10X End-Repair Buffer	Industrial applications, Professional applications.
	5X T4 DNA Ligase Buffer	Industrial applications, Professional applications.
	Klenow DNA Polymerase	Industrial applications, Professional applications.
	T4 DNA Ligase	Industrial applications, Professional applications.
	T4 DNA Polymerase	Industrial applications, Professional applications.
	T4 Polynucleotide Kinase	Industrial applications, Professional applications.
	dNTP Mix	Industrial applications, Professional applications.
	10x Klenow Polymerase Buffer	Industrial applications, Professional applications.

**1 . Identification of the material and supplier**

Exo(-) Klenow	Industrial applications, Professional applications.
dATP	Industrial applications, Professional applications.
SureSelect LTI5500 P1	Industrial applications, Professional applications.
SureSelect LTI5500 IA	Industrial applications, Professional applications.
SureSelect LTI Pre Capture Primer	Industrial applications, Professional applications.
SureSelect LTI5500 BC1-BC96 Plate	Industrial applications, Professional applications.
SureSelect RNase Block	Industrial applications, Professional applications.
SureSelect Hyb 3	Industrial applications, Professional applications.
SureSelect Block 2	Industrial applications, Professional applications.
SureSelect Indexing Block #1	Industrial applications, Professional applications.
SureSelect LT Indexing Block #3	Industrial applications, Professional applications.
SureSelect Hyb #1	Industrial applications, Professional applications.
SureSelect Hyb #2	Industrial applications, Professional applications.
SureSelect Hyb #4	Industrial applications, Professional applications.
SureSelect Binding Buffer	Industrial applications, Professional applications.
SureSelect Wash Buffer 1	Industrial applications, Professional applications.
SureSelect Wash Buffer 2	Industrial applications, Professional applications.

**Material uses**

<b>:</b> Analytical reagent.	
10X End-Repair Buffer	1.4 ml
5X T4 DNA Ligase Buffer	1.4 ml
Klenow DNA Polymerase	0.286 ml
T4 DNA Ligase	0.214 ml
T4 DNA Polymerase	0.143 ml
T4 Polynucleotide Kinase	0.315 ml
dNTP Mix	0.229 ml
10x Klenow Polymerase Buffer	0.81 ml
Exo(-) Klenow	0.49 ml
dATP	0.16 ml
SureSelect LTI5500 P1	0.617 ml
SureSelect LTI5500 IA	0.710 ml
SureSelect LTI Pre Capture Primer	1.1 ml
SureSelect LTI5500 BC1-BC96 Plate	1.44 ml (0.015 ml x 96 wells)
SureSelect RNase Block	0.07 ml
SureSelect Hyb #3	0.96 ml
SureSelect Block #2	0.3 ml
SureSelect Indexing Block #1	0.3 ml
SureSelect LT Indexing Block #3	0.058 ml
SureSelect Hyb #1	2.4 ml
SureSelect Hyb #2	0.096 ml
SureSelect Hyb #4	1.25 ml
SureSelect Binding Buffer	76.8 ml
SureSelect Wash Buffer 1	48 ml
SureSelect Wash Buffer 2	144 ml



**2 . Hazards identification**

	SureSelect LTI5500 P1	S36- Wear suitable protective clothing.
	SureSelect LTI5500 IA	S36- Wear suitable protective clothing.
	SureSelect LTI Pre Capture Primer	S36- Wear suitable protective clothing.
	SureSelect LTI5500 BC1-BC96 Plate	S36- Wear suitable protective clothing.
	SureSelect RNase Block	S36- Wear suitable protective clothing.
	SureSelect Hyb 3	S36- Wear suitable protective clothing.
	SureSelect Block 2	S36- Wear suitable protective clothing.
	SureSelect Indexing Block #1	S36- Wear suitable protective clothing.
	SureSelect LT Indexing Block #3	S36- Wear suitable protective clothing.
	SureSelect Hyb #1	S36- Wear suitable protective clothing.
	SureSelect Hyb #2	S36- Wear suitable protective clothing.
	SureSelect Hyb #4	S36/37- Wear suitable protective clothing and gloves.
	SureSelect Binding Buffer	S36- Wear suitable protective clothing.
	SureSelect Wash Buffer 1	S36- Wear suitable protective clothing.
	SureSelect Wash Buffer 2	S36- Wear suitable protective clothing.
<b>Statement of hazardous/ dangerous nature</b>	: 10X End-Repair Buffer	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.
	5X T4 DNA Ligase Buffer	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.
	Klenow DNA Polymerase	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.
	T4 DNA Ligase	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.
	T4 DNA Polymerase	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.
	T4 Polynucleotide Kinase	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.
	dNTP Mix	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.
	10x Klenow Polymerase Buffer	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.
	Exo(-) Klenow	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.
	dATP	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.
	SureSelect LTI5500 P1	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.
	SureSelect LTI5500 IA	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.
	SureSelect LTI Pre Capture Primer	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.
	SureSelect LTI5500 BC1-BC96 Plate	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.
	SureSelect RNase Block	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.
	SureSelect Hyb 3	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.
	SureSelect Block 2	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.
	SureSelect Indexing Block #1	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.
	SureSelect LT Indexing Block #3	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.
	SureSelect Hyb #1	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.
SureSelect Hyb #2	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.	
SureSelect Hyb #4	HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.	
SureSelect Binding Buffer	NON-HAZARDOUS SUBSTANCE. NON- DANGEROUS GOODS.	
SureSelect Wash Buffer 1	NON-HAZARDOUS SUBSTANCE. NON-	

## 2 . Hazards identification

SureSelect Wash Buffer 2

DANGEROUS GOODS.  
NON-HAZARDOUS SUBSTANCE. NON-  
DANGEROUS GOODS.

## 3 . Composition/information on ingredients

<b>Mixture</b>	:	10X End-Repair Buffer	Yes.
		5X T4 DNA Ligase Buffer	Yes.
		Klenow DNA Polymerase	Yes.
		T4 DNA Ligase	Yes.
		T4 DNA Polymerase	Yes.
		T4 Polynucleotide Kinase	Yes.
		dNTP Mix	Yes.
		10x Klenow Polymerase Buffer	Yes.
		Exo(-) Klenow	Yes.
		dATP	Yes.
		SureSelect LTI5500 P1	Yes.
		SureSelect LTI5500 IA	Yes.
		SureSelect LTI Pre Capture Primer	Yes.
		SureSelect LTI5500 BC1-BC96 Plate	Yes.
		SureSelect RNase Block	Yes.
		SureSelect Hyb 3	Yes.
		SureSelect Block 2	Yes.
		SureSelect Indexing Block #1	Yes.
		SureSelect LT Indexing Block #3	Yes.
		SureSelect Hyb #1	Yes.
		SureSelect Hyb #2	Yes.
		SureSelect Hyb #4	Yes.
		SureSelect Binding Buffer	Yes.
		SureSelect Wash Buffer 1	Yes.
		SureSelect Wash Buffer 2	Yes.

Ingredient name	CAS number	%
<b>5X T4 DNA Ligase Buffer</b> Polyethylene glycol	25322-68-3	10 - <30
<b>Klenow DNA Polymerase</b> Glycerol	56-81-5	30 - 60
<b>T4 DNA Ligase</b> Glycerol	56-81-5	30 - 60
<b>T4 DNA Polymerase</b> Glycerol	56-81-5	30 - 60
<b>T4 Polynucleotide Kinase</b> Glycerol	56-81-5	30 - 60
<b>Exo(-) Klenow</b> Glycerol	56-81-5	30 - 60
<b>SureSelect RNase Block</b> Glycerol	56-81-5	30 - 60
<b>SureSelect Hyb #4</b> Sulfuric acid monododecyl ester sodium salt (1:1)	8012-56-4	<10

Other ingredients, determined not to be hazardous according to Safe Work Australia criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

**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.**

## **4 . First-aid measures**

<b>Inhalation</b>	: 10X End-Repair Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	5X T4 DNA Ligase Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	Klenow DNA Polymerase	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	T4 DNA Ligase	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	T4 DNA Polymerase	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	T4 Polynucleotide Kinase	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	dNTP Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	10x Klenow Polymerase Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	Exo(-) Klenow	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	dATP	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect LTI5500 P1	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect LTI5500 IA	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect LTI Pre Capture Primer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect LTI5500 BC1-BC96 Plate	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect RNase Block	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect Hyb 3	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of

## 4 . First-aid measures

		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 Block 2	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect Indexing Block #1	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect LT Indexing Block #3	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect Hyb #1	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect Hyb #2	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 Hyb #4	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.
	SureSelect Binding Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect Wash Buffer 1	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect Wash Buffer 2	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
<b>Ingestion</b>	: 10X End-Repair Buffer	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	5X T4 DNA Ligase Buffer	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	Klenow DNA Polymerase	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is

## 4 . First-aid measures

T4 DNA Ligase	conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
T4 DNA Polymerase	conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
T4 Polynucleotide Kinase	conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
dNTP Mix	conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
10x Klenow Polymerase Buffer	conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Exo(-) Klenow	conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
dATP	conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect LTI5500 P1	conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to



## 4 . First-aid measures

SureSelect LTI5500 IA	drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect LTI 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.
SureSelect LTI5500 BC1-BC96 Plate	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 RNase Block	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 Hyb 3	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 Block 2	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 Indexing Block #1	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 LT Indexing Block #3	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

## 4 . First-aid measures

SureSelect Hyb #1	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 Hyb #2	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 Hyb #4	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.
SureSelect Binding 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.
SureSelect Wash Buffer 1	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 Wash Buffer 2	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 . First-aid measures**

<b>Skin contact</b>	: 10X End-Repair Buffer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	5X T4 DNA Ligase Buffer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Klenow DNA Polymerase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	T4 DNA Ligase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	T4 DNA Polymerase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	T4 Polynucleotide Kinase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	dNTP Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	10x Klenow Polymerase Buffer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Exo(-) Klenow	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	dATP	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect LTI5500 P1	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect LTI5500 IA	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect LTI Pre Capture Primer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect LTI5500 BC1-BC96 Plate	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect RNase Block	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect Hyb 3	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect Block 2	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect Indexing Block #1	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect LT Indexing Block #3	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect Hyb #1	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect Hyb #2	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect Hyb #4	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes.

**4 . First-aid measures**

		Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
	SureSelect Binding Buffer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect Wash Buffer 1	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect Wash Buffer 2	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
<b>Eye contact</b>	<b>:</b> 10X End-Repair Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	5X T4 DNA Ligase Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	Klenow DNA Polymerase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	T4 DNA Ligase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	T4 DNA Polymerase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	T4 Polynucleotide Kinase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	dNTP Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	10x Klenow Polymerase Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	Exo(-) Klenow	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	dATP	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureSelect LTI5500 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 LTI5500 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 LTI Pre Capture	Immediately flush eyes with plenty of water,

## **4 . First-aid measures**

Primer	occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect LTI5500 BC1-BC96 Plate	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 RNase Block	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 Hyb 3	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 Block 2	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 Indexing Block #1	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 LT Indexing Block #3	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 Hyb #1	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 Hyb #2	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 Hyb #4	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 if irritation occurs.
SureSelect Binding 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.
SureSelect Wash Buffer 1	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 Wash Buffer 2	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.
<b>Protection of first-aiders</b> : 10X End-Repair Buffer	No action shall be taken involving any personal risk or without suitable training.
5X T4 DNA Ligase Buffer	No action shall be taken involving any personal risk or without suitable training.
Klenow DNA Polymerase	No action shall be taken involving any personal risk or without suitable training.
T4 DNA Ligase	No action shall be taken involving any personal risk or without suitable training.
T4 DNA Polymerase	No action shall be taken involving any personal risk or without suitable training.
T4 Polynucleotide Kinase	No action shall be taken involving any personal risk or without suitable training.
dNTP Mix	No action shall be taken involving any personal

**4 . First-aid measures**

10x Klenow Polymerase Buffer	risk or without suitable training. No action shall be taken involving any personal risk or without suitable training.
Exo(-) Klenow	No action shall be taken involving any personal risk or without suitable training.
dATP	No action shall be taken involving any personal risk or without suitable training.
SureSelect LTI5500 P1	No action shall be taken involving any personal risk or without suitable training.
SureSelect LTI5500 IA	No action shall be taken involving any personal risk or without suitable training.
SureSelect LTI Pre Capture Primer	No action shall be taken involving any personal risk or without suitable training.
SureSelect LTI5500 BC1-BC96 Plate	No action shall be taken involving any personal risk or without suitable training.
SureSelect RNase Block	No action shall be taken involving any personal risk or without suitable training.
SureSelect Hyb 3	No action shall be taken involving any personal risk or without suitable training.
SureSelect Block 2	No action shall be taken involving any personal risk or without suitable training.
SureSelect Indexing Block #1	No action shall be taken involving any personal risk or without suitable training.
SureSelect LT Indexing Block #3	No action shall be taken involving any personal risk or without suitable training.
SureSelect Hyb #1	No action shall be taken involving any personal risk or without suitable training.
SureSelect Hyb #2	No action shall be taken involving any personal risk or without suitable training.
SureSelect Hyb #4	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
SureSelect Binding Buffer	No action shall be taken involving any personal risk or without suitable training.
SureSelect Wash Buffer 1	No action shall be taken involving any personal risk or without suitable training.
SureSelect Wash Buffer 2	No action shall be taken involving any personal risk or without suitable training.
<b>Advice to doctor</b> : 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	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
T4 DNA Ligase	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
T4 DNA Polymerase	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
T4 Polynucleotide Kinase	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**4 . First-aid measures**

dNTP Mix	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
10x Klenow Polymerase Buffer	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Exo(-) Klenow	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
dATP	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect LTI5500 P1	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect LTI5500 IA	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect LTI Pre Capture Primer	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect LTI5500 BC1-BC96 Plate	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect RNase Block	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect Hyb 3	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 Block 2	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect Indexing Block #1	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect LT Indexing Block #3	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect Hyb #1	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect Hyb #2	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 Hyb #4	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect Binding Buffer	No specific treatment. Treat symptomatically.

## **4 . First-aid measures**

SureSelect Wash Buffer 1	Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect Wash Buffer 2	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

## **5 . Fire-fighting measures**

### Extinguishing media

#### **Suitable**

: 10X End-Repair Buffer	Use an extinguishing agent suitable for the surrounding fire.
5X T4 DNA Ligase Buffer	Use an extinguishing agent suitable for the surrounding fire.
Klenow DNA Polymerase	Use an extinguishing agent suitable for the surrounding fire.
T4 DNA Ligase	Use an extinguishing agent suitable for the surrounding fire.
T4 DNA Polymerase	Use an extinguishing agent suitable for the surrounding fire.
T4 Polynucleotide Kinase	Use an extinguishing agent suitable for the surrounding fire.
dNTP Mix	Use an extinguishing agent suitable for the surrounding fire.
10x Klenow Polymerase Buffer	Use an extinguishing agent suitable for the surrounding fire.
Exo(-) Klenow	Use an extinguishing agent suitable for the surrounding fire.
dATP	Use an extinguishing agent suitable for the surrounding fire.
SureSelect LTI5500 P1	Use an extinguishing agent suitable for the surrounding fire.
SureSelect LTI5500 IA	Use an extinguishing agent suitable for the surrounding fire.
SureSelect LTI Pre Capture Primer	Use an extinguishing agent suitable for the surrounding fire.
SureSelect LTI5500 BC1-BC96 Plate	Use an extinguishing agent suitable for the surrounding fire.
SureSelect RNase Block	Use an extinguishing agent suitable for the surrounding fire.
SureSelect Hyb 3	Use an extinguishing agent suitable for the surrounding fire.
SureSelect Block 2	Use an extinguishing agent suitable for the surrounding fire.
SureSelect Indexing Block #1	Use an extinguishing agent suitable for the surrounding fire.
SureSelect LT Indexing Block #3	Use an extinguishing agent suitable for the surrounding fire.
SureSelect Hyb #1	Use an extinguishing agent suitable for the surrounding fire.
SureSelect Hyb #2	Use an extinguishing agent suitable for the surrounding fire.
SureSelect Hyb #4	Use an extinguishing agent suitable for the surrounding fire.
SureSelect Binding Buffer	Use an extinguishing agent suitable for the surrounding fire.
SureSelect Wash Buffer 1	Use an extinguishing agent suitable for the surrounding fire.
SureSelect Wash Buffer 2	Use an extinguishing agent suitable for the surrounding fire.



## 5. Fire-fighting measures

<b>Not suitable</b>	:	10X End-Repair Buffer	None known.
		5X T4 DNA Ligase Buffer	None known.
		Klenow DNA Polymerase	None known.
		T4 DNA Ligase	None known.
		T4 DNA Polymerase	None known.
		T4 Polynucleotide Kinase	None known.
		dNTP Mix	None known.
		10x Klenow Polymerase Buffer	None known.
		Exo(-) Klenow	None known.
		dATP	None known.
		SureSelect LTI5500 P1	None known.
		SureSelect LTI5500 IA	None known.
		SureSelect LTI Pre Capture Primer	None known.
		SureSelect LTI5500 BC1-BC96 Plate	None known.
		SureSelect RNase Block	None known.
		SureSelect Hyb 3	None known.
		SureSelect Block 2	None known.
		SureSelect Indexing Block #1	None known.
		SureSelect LT Indexing Block #3	None known.
		SureSelect Hyb #1	None known.
		SureSelect Hyb #2	None known.
		SureSelect Hyb #4	None known.
		SureSelect Binding Buffer	None known.
		SureSelect Wash Buffer 1	None known.
		SureSelect Wash Buffer 2	None known.
<b>Special exposure hazards</b>	:	10X End-Repair Buffer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
		5X T4 DNA Ligase Buffer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
		Klenow DNA Polymerase	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
		T4 DNA Ligase	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
		T4 DNA Polymerase	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
		T4 Polynucleotide Kinase	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
		dNTP Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
		10x Klenow Polymerase Buffer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
		Exo(-) Klenow	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
		dATP	Promptly isolate the scene by removing all persons from the vicinity of the incident if there

**5 . Fire-fighting measures**

SureSelect LTI5500 P1	is a fire. No action shall be taken involving any personal risk or 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 LTI5500 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 LTI 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.
SureSelect LTI5500 BC1-BC96 Plate	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 RNase Block	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 Hyb 3	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 Block 2	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 Indexing Block #1	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 LT Indexing Block #3	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 Hyb #1	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 Hyb #2	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 Hyb #4	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 Binding 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.
SureSelect Wash Buffer 1	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 Wash Buffer 2	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.

## 5 . Fire-fighting measures

10X End-Repair Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
5X T4 DNA Ligase Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
Klenow DNA Polymerase	In a fire or if heated, a pressure increase will occur and the container may burst.
T4 DNA Ligase	In a fire or if heated, a pressure increase will occur and the container may burst.
T4 DNA Polymerase	In a fire or if heated, a pressure increase will occur and the container may burst.
T4 Polynucleotide Kinase	In a fire or if heated, a pressure increase will occur and the container may burst.
dNTP Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
10x Klenow Polymerase Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
Exo(-) Klenow	In a fire or if heated, a pressure increase will occur and the container may burst.
dATP	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect LTI5500 P1	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect LTI5500 IA	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect LTI Pre Capture Primer	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect LTI5500 BC1-BC96 Plate	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect RNase Block	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Hyb 3	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Block 2	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Indexing Block #1	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect LT Indexing Block #3	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Hyb #1	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Hyb #2	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Hyb #4	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Binding Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Wash Buffer 1	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Wash Buffer 2	In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal decomposition products**

: 10X End-Repair Buffer	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulfur oxides halogenated compounds metal oxide/oxides
5X T4 DNA Ligase Buffer	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds metal oxide/oxides

**5 . Fire-fighting measures**

Klenow DNA Polymerase	Decomposition products may include the following materials: carbon dioxide carbon monoxide
T4 DNA Ligase	Decomposition products may include the following materials: carbon dioxide carbon monoxide
T4 DNA Polymerase	Decomposition products may include the following materials: carbon dioxide carbon monoxide
T4 Polynucleotide Kinase	Decomposition products may include the following materials: carbon dioxide carbon monoxide
dNTP Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
10x Klenow Polymerase Buffer	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds metal oxide/oxides
Exo(-) Klenow	Decomposition products may include the following materials: carbon dioxide carbon monoxide
dATP	No specific data.
SureSelect LTI5500 P1	No specific data.
SureSelect LTI5500 IA	No specific data.
SureSelect LTI Pre Capture Primer	No specific data.
SureSelect LTI5500 BC1-BC96 Plate	No specific data.
SureSelect RNase Block	Decomposition products may include the following materials: carbon dioxide carbon monoxide
SureSelect Hyb 3	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds
SureSelect Block 2	No specific data.
SureSelect Indexing Block #1	No specific data.
SureSelect LT Indexing Block #3	No specific data.
SureSelect Hyb #1	Decomposition products may include the following materials: phosphorus oxides halogenated compounds metal oxide/oxides
SureSelect Hyb #2	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides metal oxide/oxides
SureSelect Hyb #4	Decomposition products may include the

## 5 . Fire-fighting measures

		following materials: carbon dioxide carbon monoxide sulfur oxides metal oxide/oxides
	SureSelect Binding Buffer	Decomposition products may include the following materials: halogenated compounds metal oxide/oxides
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
<b>Special protective equipment for fire-fighters</b>	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.	

## 6 . Accidental release measures

<b>Personal precautions</b>	: 10X End-Repair Buffer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).
	5X T4 DNA Ligase Buffer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).
	Klenow DNA Polymerase	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).
	T4 DNA Ligase	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).
	T4 DNA Polymerase	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).
	T4 Polynucleotide Kinase	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).
	dNTP Mix	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).

**6 . Accidental release measures**

10x Klenow Polymerase Buffer	Section 8). No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).
Exo(-) Klenow	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).
dATP	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).
SureSelect LTI5500 P1	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).
SureSelect LTI5500 IA	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).
SureSelect LTI Pre Capture Primer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).
SureSelect LTI5500 BC1-BC96 Plate	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).
SureSelect RNase Block	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).
SureSelect Hyb 3	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).
SureSelect Block 2	No action shall be taken involving any personal

## 6 . Accidental release measures

	<p>risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).</p>
SureSelect Indexing Block #1	<p>No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).</p>
SureSelect LT Indexing Block #3	<p>No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).</p>
SureSelect Hyb #1	<p>No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).</p>
SureSelect Hyb #2	<p>No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).</p>
SureSelect Hyb #4	<p>No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).</p>
SureSelect Binding Buffer	<p>No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).</p>
SureSelect Wash Buffer 1	<p>No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).</p>
SureSelect Wash Buffer 2	<p>No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment (see Section 8).</p>

## **6 . Accidental release measures**

<b>Environmental precautions</b> : 10X End-Repair Buffer	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
5X T4 DNA Ligase Buffer	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Klenow DNA Polymerase	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
T4 DNA Ligase	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
T4 DNA Polymerase	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
T4 Polynucleotide Kinase	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
dNTP Mix	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
10x Klenow Polymerase Buffer	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Exo(-) Klenow	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
dATP	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect LTI5500 P1	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect LTI5500 IA	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect LTI Pre Capture Primer	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).



**6 . Accidental release measures**

SureSelect LTI5500 BC1-BC96 Plate	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect RNase Block	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Hyb 3	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Block 2	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Indexing Block #1	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect LT Indexing Block #3	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Hyb #1	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Hyb #2	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Hyb #4	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Binding Buffer	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Wash Buffer 1	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Wash Buffer 2	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

## **6 . Accidental release measures**

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

**6 . Accidental release measures**

SureSelect LTI5500 P1	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. 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 LTI5500 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 LTI Pre Capture Primer	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect LTI5500 BC1-BC96 Plate	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 RNase Block	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 Hyb 3	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 Block 2	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 Indexing Block #1	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 LT Indexing Block #3	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

## 6 . Accidental release measures

SureSelect Hyb #1	place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect Hyb #2	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 Hyb #4	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 Binding 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.
SureSelect Wash Buffer 1	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 Wash Buffer 2	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.

## 7 . Handling and storage

<b>Handling</b>	: 10X End-Repair Buffer	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.
	5X T4 DNA Ligase Buffer	
	Klenow DNA Polymerase	

## **7 . Handling and storage**

T4 DNA Ligase	equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.
T4 DNA Polymerase	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.
T4 Polynucleotide Kinase	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.
dNTP Mix	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.
10x Klenow Polymerase Buffer	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.
Exo(-) Klenow	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.
dATP	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.
SureSelect LTI5500 P1	Put on appropriate personal protective equipment (see Section 8). Eating, drinking

## **7 . Handling and storage**

SureSelect LTI5500 IA	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. Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.
SureSelect LTI Pre Capture Primer	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.
SureSelect LTI5500 BC1-BC96 Plate	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.
SureSelect RNase Block	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.
SureSelect Hyb 3	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.
SureSelect Block 2	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.
SureSelect Indexing Block #1	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.
SureSelect LT Indexing Block #3	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas

## 7 . Handling and storage

SureSelect Hyb #1	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. Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.
SureSelect Hyb #2	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.
SureSelect Hyb #4	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour 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.
SureSelect Binding Buffer	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.
SureSelect Wash Buffer 1	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.
SureSelect Wash Buffer 2	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

## **7 . Handling and storage**

**Storage**

: 10X End-Repair Buffer

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

5X T4 DNA Ligase Buffer

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

Klenow DNA Polymerase

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

T4 DNA Ligase

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

T4 DNA Polymerase

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

T4 Polynucleotide Kinase

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



## 7 . Handling and storage

dNTP Mix	<p>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 unlabelled containers. Use appropriate containment to avoid environmental contamination.</p>
10x Klenow Polymerase Buffer	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.</p>
Exo(-) Klenow	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.</p>
dATP	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.</p>
SureSelect LTI5500 P1	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.</p>
SureSelect LTI5500 IA	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers.</p>

## 7 . Handling and storage

SureSelect LTI Pre Capture  
Primer

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 unlabelled containers.  
Use appropriate containment to avoid environmental contamination.

SureSelect LTI5500 BC1-BC96  
Plate

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

SureSelect RNase Block

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

SureSelect Hyb 3

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

SureSelect Block 2

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

SureSelect Indexing Block #1

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

## 7 . Handling and storage

SureSelect LT Indexing Block #3	<p>leakage. Do not store in unlabelled 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 unlabelled containers. Use appropriate containment to avoid environmental contamination.</p>
SureSelect Hyb #1	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.</p>
SureSelect Hyb #2	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.</p>
SureSelect Hyb #4	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.</p>
SureSelect Binding Buffer	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.</p>
SureSelect Wash Buffer 1	<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</p>

## 7 . Handling and storage

SureSelect Wash Buffer 2

carefully resealed and kept upright to prevent leakage. Do not store in unlabelled 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 unlabelled containers. Use appropriate containment to avoid environmental contamination.

## 8 . Exposure controls/personal protection

### Occupational exposure limits

<b>Ingredient name</b>	<b>Exposure limits</b>
<b>5X T4 DNA Ligase Buffer</b> Polyethylene glycol	<b>TRGS900 AGW (Germany, 8/2010).</b> PEAK: 8000 mg/m <sup>3</sup> 15 minutes. Form: inhalable fraction TWA: 1000 mg/m <sup>3</sup> 8 hours. Form: inhalable fraction
<b>Klenow DNA Polymerase</b> Glycerol	<b>Safe Work Australia (Australia, 1/2014).</b> TWA: 10 mg/m <sup>3</sup> 8 hours.
<b>T4 DNA Ligase</b> Glycerol	<b>Safe Work Australia (Australia, 1/2014).</b> TWA: 10 mg/m <sup>3</sup> 8 hours.
<b>T4 DNA Polymerase</b> Glycerol	<b>Safe Work Australia (Australia, 1/2014).</b> TWA: 10 mg/m <sup>3</sup> 8 hours.
<b>T4 Polynucleotide Kinase</b> Glycerol	<b>Safe Work Australia (Australia, 1/2014).</b> TWA: 10 mg/m <sup>3</sup> 8 hours.
<b>Exo(-) Klenow</b> Glycerol	<b>Safe Work Australia (Australia, 1/2014).</b> TWA: 10 mg/m <sup>3</sup> 8 hours.
<b>SureSelect RNase Block</b> Glycerol	<b>Safe Work Australia (Australia, 1/2014).</b> TWA: 10 mg/m <sup>3</sup> 8 hours.

**No additional exposure standard allocated for other ingredients/components covered by the MSDS other than those listed in the table above.**

**Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### Exposure controls

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

**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.

## 8 . Exposure controls/personal protection

- Eyes** : 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 or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Hands** : 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.
- Respiratory** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Skin** : 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.
- 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.

## 9 . Physical and chemical properties

<b>Physical state</b>	: 10X End-Repair Buffer	Liquid.
	5X T4 DNA Ligase Buffer	Liquid.
	Klenow DNA Polymerase	Liquid.
	T4 DNA Ligase	Liquid.
	T4 DNA Polymerase	Liquid.
	T4 Polynucleotide Kinase	Liquid.
	dNTP Mix	Liquid.
	10x Klenow Polymerase Buffer	Liquid.
	Exo(-) Klenow	Liquid.
	dATP	Liquid.
	SureSelect LTI5500 P1	Liquid.
	SureSelect LTI5500 IA	Liquid.
	SureSelect LTI Pre Capture Primer	Liquid.
	SureSelect LTI5500 BC1-BC96 Plate	Liquid.
	SureSelect RNase Block	Liquid.
	SureSelect Hyb 3	Liquid.
	SureSelect Block 2	Liquid.
	SureSelect Indexing Block #1	Liquid.
	SureSelect LT Indexing Block #3	Liquid.
	SureSelect Hyb #1	Liquid.
	SureSelect Hyb #2	Liquid.
	SureSelect Hyb #4	Liquid.
SureSelect Binding Buffer	Liquid.	
SureSelect Wash Buffer 1	Liquid.	
SureSelect Wash Buffer 2	Liquid.	
<b>Colour</b>	: 10X End-Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	Not available.
	10x Klenow Polymerase Buffer	Not available.
	Exo(-) Klenow	Not available.
	dATP	Not available.
	SureSelect LTI5500 P1	Not available.
	SureSelect LTI5500 IA	Not available.
	SureSelect LTI Pre Capture Primer	Not available.
	SureSelect LTI5500 BC1-BC96	Not available.

## 9 . Physical and chemical properties

	Plate	
	SureSelect RNase Block	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect Block 2	Colourless.
	SureSelect Indexing Block #1	Not available.
	SureSelect LT Indexing Block #3	Not available.
	SureSelect Hyb #1	Not available.
	SureSelect Hyb #2	Not available.
	SureSelect Hyb #4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
<b>Odour</b>	: 10X End-Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	Not available.
	10x Klenow Polymerase Buffer	Not available.
	Exo(-) Klenow	Not available.
	dATP	Not available.
	SureSelect LTI5500 P1	Not available.
	SureSelect LTI5500 IA	Not available.
	SureSelect LTI Pre Capture Primer	Not available.
	SureSelect LTI5500 BC1-BC96 Plate	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect Block 2	Odourless.
	SureSelect Indexing Block #1	Not available.
	SureSelect LT Indexing Block #3	Not available.
	SureSelect Hyb #1	Not available.
	SureSelect Hyb #2	Not available.
	SureSelect Hyb #4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
<b>Odour threshold</b>	: 10X End-Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	Not available.
	10x Klenow Polymerase Buffer	Not available.
	Exo(-) Klenow	Not available.
	dATP	Not available.
	SureSelect LTI5500 P1	Not available.
	SureSelect LTI5500 IA	Not available.
	SureSelect LTI Pre Capture Primer	Not available.
	SureSelect LTI5500 BC1-BC96 Plate	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect Block 2	Not available.
	SureSelect Indexing Block #1	Not available.
	SureSelect LT Indexing Block #3	Not available.
	SureSelect Hyb #1	Not available.
	SureSelect Hyb #2	Not available.
	SureSelect Hyb #4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.

## 9 . Physical and chemical properties

	SureSelect Wash Buffer 2	Not available.
<b>Boiling point</b>	: 10X End-Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	100°C (212°F)
	10x Klenow Polymerase Buffer	Not available.
	Exo(-) Klenow	Not available.
	dATP	100°C (212°F)
	SureSelect LTI5500 P1	100°C (212°F)
	SureSelect LTI5500 IA	100°C (212°F)
	SureSelect LTI Pre Capture	100°C (212°F)
	Primer	
	SureSelect LTI5500 BC1-BC96	100°C (212°F)
	Plate	
	SureSelect RNase Block	Not available.
	SureSelect Hyb 3	100°C (212°F)
	SureSelect Block 2	100°C (212°F)
	SureSelect Indexing Block #1	100°C (212°F)
	SureSelect LT Indexing Block #3	100°C (212°F)
	SureSelect Hyb #1	Not available.
	SureSelect Hyb #2	Not available.
	SureSelect Hyb #4	100°C (212°F)
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	100°C (212°F)
	SureSelect Wash Buffer 2	100°C (212°F)
<b>Melting point</b>	: 10X End-Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	0°C (32°F)
	10x Klenow Polymerase Buffer	Not available.
	Exo(-) Klenow	Not available.
	dATP	0°C (32°F)
	SureSelect LTI5500 P1	0°C (32°F)
	SureSelect LTI5500 IA	0°C (32°F)
	SureSelect LTI Pre Capture	0°C (32°F)
	Primer	
	SureSelect LTI5500 BC1-BC96	0°C (32°F)
	Plate	
	SureSelect RNase Block	Not available.
	SureSelect Hyb 3	0°C (32°F)
	SureSelect Block 2	0°C (32°F)
	SureSelect Indexing Block #1	0°C (32°F)
	SureSelect LT Indexing Block #3	0°C (32°F)
	SureSelect Hyb #1	Not available.
	SureSelect Hyb #2	Not available.
	SureSelect Hyb #4	0°C (32°F)
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	0°C (32°F)
	SureSelect Wash Buffer 2	0°C (32°F)
<b>Vapour pressure</b>	: 10X End-Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	Not available.
	10x Klenow Polymerase Buffer	Not available.
	Exo(-) Klenow	Not available.

## 9 . Physical and chemical properties

	dATP	Not available.
	SureSelect LTI5500 P1	Not available.
	SureSelect LTI5500 IA	Not available.
	SureSelect LTI Pre Capture Primer	Not available.
	SureSelect LTI5500 BC1-BC96 Plate	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect Block 2	Not available.
	SureSelect Indexing Block #1	Not available.
	SureSelect LT Indexing Block #3	Not available.
	SureSelect Hyb #1	Not available.
	SureSelect Hyb #2	Not available.
	SureSelect Hyb #4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
<b>Relative density</b>	: 10X End-Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	Not available.
	10x Klenow Polymerase Buffer	Not available.
	Exo(-) Klenow	Not available.
	dATP	Not available.
	SureSelect LTI5500 P1	Not available.
	SureSelect LTI5500 IA	Not available.
	SureSelect LTI Pre Capture Primer	Not available.
	SureSelect LTI5500 BC1-BC96 Plate	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect Block 2	Not available.
	SureSelect Indexing Block #1	Not available.
	SureSelect LT Indexing Block #3	Not available.
	SureSelect Hyb #1	Not available.
	SureSelect Hyb #2	Not available.
	SureSelect Hyb #4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
<b>Flash point</b>	: 10X End-Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	Not available.
	10x Klenow Polymerase Buffer	Not available.
	Exo(-) Klenow	Not available.
	dATP	Not available.
	SureSelect LTI5500 P1	Not available.
	SureSelect LTI5500 IA	Not available.
	SureSelect LTI Pre Capture Primer	Not available.
	SureSelect LTI5500 BC1-BC96 Plate	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect Block 2	Not available.
	SureSelect Indexing Block #1	Not available.



## 9 . Physical and chemical properties

	SureSelect LT Indexing Block #3	Not available.
	SureSelect Hyb #1	Not available.
	SureSelect Hyb #2	Not available.
	SureSelect Hyb #4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
<b>Flammable limits</b>	: 10X End-Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	Not available.
	10x Klenow Polymerase Buffer	Not available.
	Exo(-) Klenow	Not available.
	dATP	Not available.
	SureSelect LTI5500 P1	Not available.
	SureSelect LTI5500 IA	Not available.
	SureSelect LTI Pre Capture Primer	Not available.
	SureSelect LTI5500 BC1-BC96 Plate	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect Block 2	Not available.
	SureSelect Indexing Block #1	Not available.
	SureSelect LT Indexing Block #3	Not available.
	SureSelect Hyb #1	Not available.
	SureSelect Hyb #2	Not available.
	SureSelect Hyb #4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
<b>Vapour density</b>	: 10X End-Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	Not available.
	10x Klenow Polymerase Buffer	Not available.
	Exo(-) Klenow	Not available.
	dATP	Not available.
	SureSelect LTI5500 P1	Not available.
	SureSelect LTI5500 IA	Not available.
	SureSelect LTI Pre Capture Primer	Not available.
	SureSelect LTI5500 BC1-BC96 Plate	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect Block 2	Not available.
	SureSelect Indexing Block #1	Not available.
	SureSelect LT Indexing Block #3	Not available.
	SureSelect Hyb #1	Not available.
	SureSelect Hyb #2	Not available.
	SureSelect Hyb #4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.

## 9 . Physical and chemical properties

<b>pH</b>	:	10X End-Repair Buffer	7.5	
		5X T4 DNA Ligase Buffer	7.5	
		Klenow DNA Polymerase	7	
		T4 DNA Ligase	7.4	
		T4 DNA Polymerase	6.5	
		T4 Polynucleotide Kinase	7.4	
		dNTP Mix	7.5	
		10x Klenow Polymerase Buffer	7.5	
		Exo(-) Klenow	7	
		dATP	Not available.	
		SureSelect LTI5500 P1	Not available.	
		SureSelect LTI5500 IA	Not available.	
		SureSelect LTI Pre Capture Primer	Not available.	
		SureSelect LTI5500 BC1-BC96 Plate	Not available.	
		SureSelect RNase Block	Not available.	
		SureSelect Hyb 3	7 to 8	
		SureSelect Block 2	Not available.	
		SureSelect Indexing Block #1	Not available.	
		SureSelect LT Indexing Block #3	Not available.	
		SureSelect Hyb #1	7.4	
		SureSelect Hyb #2	8	
		SureSelect Hyb #4	5.2 to 6.2	
		SureSelect Binding Buffer	7.1 to 8.1	
		SureSelect Wash Buffer 1	6.5 to 7.5	
		SureSelect Wash Buffer 2	6.8 to 7.8	
	<b>Viscosity</b>	:	10X End-Repair Buffer	Not available.
			5X T4 DNA Ligase Buffer	Not available.
			Klenow DNA Polymerase	Not available.
			T4 DNA Ligase	Not available.
			T4 DNA Polymerase	Not available.
			T4 Polynucleotide Kinase	Not available.
			dNTP Mix	Not available.
			10x Klenow Polymerase Buffer	Not available.
		Exo(-) Klenow	Not available.	
		dATP	Not available.	
		SureSelect LTI5500 P1	Not available.	
		SureSelect LTI5500 IA	Not available.	
		SureSelect LTI Pre Capture Primer	Not available.	
		SureSelect LTI5500 BC1-BC96 Plate	Not available.	
		SureSelect RNase Block	Not available.	
		SureSelect Hyb 3	Not available.	
		SureSelect Block 2	Not available.	
		SureSelect Indexing Block #1	Not available.	
		SureSelect LT Indexing Block #3	Not available.	
		SureSelect Hyb #1	Not available.	
		SureSelect Hyb #2	Not available.	
		SureSelect Hyb #4	Not available.	
		SureSelect Binding Buffer	Not available.	
		SureSelect Wash Buffer 1	Not available.	
		SureSelect Wash Buffer 2	Not available.	
<b>Auto-ignition temperature</b>		:	10X End-Repair Buffer	Not available.
			5X T4 DNA Ligase Buffer	Not available.
			Klenow DNA Polymerase	Not available.
			T4 DNA Ligase	Not available.
			T4 DNA Polymerase	Not available.
			T4 Polynucleotide Kinase	Not available.
			dNTP Mix	Not available.
			10x Klenow Polymerase Buffer	Not available.
		Exo(-) Klenow	Not available.	
		dATP	Not available.	
	SureSelect LTI5500 P1	Not available.		

## 9 . Physical and chemical properties

	SureSelect LTI5500 IA	Not available.
	SureSelect LTI Pre Capture Primer	Not available.
	SureSelect LTI5500 BC1-BC96 Plate	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect Block 2	Not available.
	SureSelect Indexing Block #1	Not available.
	SureSelect LT Indexing Block #3	Not available.
	SureSelect Hyb #1	Not available.
	SureSelect Hyb #2	Not available.
	SureSelect Hyb #4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
<b>Evaporation rate</b>	: 10X End-Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	Not available.
	10x Klenow Polymerase Buffer	Not available.
	Exo(-) Klenow	Not available.
	dATP	Not available.
	SureSelect LTI5500 P1	Not available.
	SureSelect LTI5500 IA	Not available.
	SureSelect LTI Pre Capture Primer	Not available.
	SureSelect LTI5500 BC1-BC96 Plate	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect Block 2	Not available.
	SureSelect Indexing Block #1	Not available.
	SureSelect LT Indexing Block #3	Not available.
	SureSelect Hyb #1	Not available.
	SureSelect Hyb #2	Not available.
	SureSelect Hyb #4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
<b>Solubility</b>	: 10X End-Repair Buffer	Easily soluble in the following materials: cold water and hot water.
	5X T4 DNA Ligase Buffer	Easily soluble in the following materials: cold water and hot water.
	Klenow DNA Polymerase	Soluble in the following materials: cold water and hot water.
	T4 DNA Ligase	Soluble in the following materials: cold water and hot water.
	T4 DNA Polymerase	Soluble in the following materials: cold water and hot water.
	T4 Polynucleotide Kinase	Soluble in the following materials: cold water and hot water.
	dNTP Mix	Easily soluble in the following materials: cold water and hot water.
	10x Klenow Polymerase Buffer	Easily soluble in the following materials: cold water and hot water.
	Exo(-) Klenow	Soluble in the following materials: cold water and hot water.
	dATP	Easily soluble in the following materials: cold water and hot water.
	SureSelect LTI5500 P1	Easily soluble in the following materials: cold water and hot water.

## 9 . Physical and chemical properties

SureSelect LTI5500 IA	Easily soluble in the following materials: cold water and hot water.
SureSelect LTI Pre Capture Primer	Easily soluble in the following materials: cold water and hot water.
SureSelect LTI5500 BC1-BC96 Plate	Easily soluble in the following materials: cold water and hot water.
SureSelect RNase Block	Soluble in the following materials: cold water and hot water.
SureSelect Hyb 3	Easily soluble in the following materials: cold water and hot water.
SureSelect Block 2	Easily soluble in the following materials: cold water and hot water.
SureSelect Indexing Block #1	Easily soluble in the following materials: cold water and hot water.
SureSelect LT Indexing Block #3	Easily soluble in the following materials: cold water and hot water.
SureSelect Hyb #1	Easily soluble in the following materials: cold water and hot water.
SureSelect Hyb #2	Easily soluble in the following materials: cold water and hot water.
SureSelect Hyb #4	Easily soluble in the following materials: cold water and hot water.
SureSelect Binding Buffer	Easily soluble in the following materials: cold water and hot water.
SureSelect Wash Buffer 1	Easily soluble in the following materials: cold water and hot water.
SureSelect Wash Buffer 2	Easily soluble in the following materials: cold water and hot water.

## 10 . Stability and reactivity

### Chemical stability

: 10X End-Repair Buffer	The product is stable.
5X T4 DNA Ligase Buffer	The product is stable.
Klenow DNA Polymerase	The product is stable.
T4 DNA Ligase	The product is stable.
T4 DNA Polymerase	The product is stable.
T4 Polynucleotide Kinase	The product is stable.
dNTP Mix	The product is stable.
10x Klenow Polymerase Buffer	The product is stable.
Exo(-) Klenow	The product is stable.
dATP	The product is stable.
SureSelect LTI5500 P1	The product is stable.
SureSelect LTI5500 IA	The product is stable.
SureSelect LTI Pre Capture Primer	The product is stable.
SureSelect LTI5500 BC1-BC96 Plate	The product is stable.
SureSelect RNase Block	The product is stable.
SureSelect Hyb 3	The product is stable.
SureSelect Block 2	The product is stable.
SureSelect Indexing Block #1	The product is stable.
SureSelect LT Indexing Block #3	The product is stable.
SureSelect Hyb #1	The product is stable.
SureSelect Hyb #2	The product is stable.
SureSelect Hyb #4	The product is stable.
SureSelect Binding Buffer	The product is stable.
SureSelect Wash Buffer 1	The product is stable.
SureSelect Wash Buffer 2	The product is stable.

### Possibility of hazardous reactions

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

**10 . Stability and reactivity**

T4 DNA Polymerase	hazardous reactions will not occur.
T4 Polynucleotide Kinase	Under normal conditions of storage and use, hazardous reactions will not occur.
dNTP Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
10x Klenow Polymerase Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.
Exo(-) Klenow	Under normal conditions of storage and use, hazardous reactions will not occur.
dATP	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect LTI5500 P1	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect LTI5500 IA	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect LTI Pre Capture Primer	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect LTI5500 BC1-BC96 Plate	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect RNase Block	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Hyb 3	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Block 2	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Indexing Block #1	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect LT Indexing Block #3	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Hyb #1	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Hyb #2	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Hyb #4	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Binding Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Wash Buffer 1	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Wash Buffer 2	Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid**

: 10X End-Repair Buffer	No specific data.
5X T4 DNA Ligase Buffer	No specific data.
Klenow DNA Polymerase	No specific data.
T4 DNA Ligase	No specific data.
T4 DNA Polymerase	No specific data.
T4 Polynucleotide Kinase	No specific data.
dNTP Mix	No specific data.
10x Klenow Polymerase Buffer	No specific data.
Exo(-) Klenow	No specific data.
dATP	No specific data.
SureSelect LTI5500 P1	No specific data.
SureSelect LTI5500 IA	No specific data.
SureSelect LTI Pre Capture Primer	No specific data.
SureSelect LTI5500 BC1-BC96 Plate	No specific data.
SureSelect RNase Block	No specific data.
SureSelect Hyb 3	No specific data.
SureSelect Block 2	No specific data.
SureSelect Indexing Block #1	No specific data.
SureSelect LT Indexing Block #3	No specific data.

## 10 . Stability and reactivity

	SureSelect Hyb #1	No specific data.
	SureSelect Hyb #2	No specific data.
	SureSelect Hyb #4	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
<b>Materials to avoid</b>	: 10X End-Repair Buffer	No specific data.
	5X T4 DNA Ligase Buffer	No specific data.
	Klenow DNA Polymerase	No specific data.
	T4 DNA Ligase	No specific data.
	T4 DNA Polymerase	No specific data.
	T4 Polynucleotide Kinase	No specific data.
	dNTP Mix	No specific data.
	10x Klenow Polymerase Buffer	No specific data.
	Exo(-) Klenow	No specific data.
	dATP	No specific data.
	SureSelect LTI5500 P1	No specific data.
	SureSelect LTI5500 IA	No specific data.
	SureSelect LTI Pre Capture Primer	No specific data.
	SureSelect LTI5500 BC1-BC96 Plate	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Hyb 3	No specific data.
	SureSelect Block 2	No specific data.
	SureSelect Indexing Block #1	No specific data.
	SureSelect LT Indexing Block #3	No specific data.
	SureSelect Hyb #1	No specific data.
	SureSelect Hyb #2	No specific data.
	SureSelect Hyb #4	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
<b>Hazardous decomposition products</b>	: 10X End-Repair Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	5X T4 DNA Ligase Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Klenow DNA Polymerase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	T4 DNA Ligase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	T4 DNA Polymerase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	T4 Polynucleotide Kinase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	dNTP Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	10x Klenow Polymerase Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Exo(-) Klenow	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	dATP	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureSelect LTI5500 P1	Under normal conditions of storage and use,

## **10 . Stability and reactivity**

SureSelect LTI5500 IA	hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect LTI Pre Capture Primer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect LTI5500 BC1-BC96 Plate	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect RNase Block	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Hyb 3	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Block 2	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Indexing Block #1	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect LT Indexing Block #3	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Hyb #1	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Hyb #2	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Hyb #4	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Binding Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Wash Buffer 1	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Wash Buffer 2	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **11 . Toxicological information**

### Potential acute health effects

<b>Inhalation</b>	:	10X End-Repair Buffer	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
		5X T4 DNA Ligase Buffer	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
		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	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
		10x Klenow Polymerase Buffer	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
		Exo(-) Klenow	No known significant effects or critical hazards.

## 11 . Toxicological information

	dATP	No known significant effects or critical hazards.
	SureSelect LTI5500 P1	No known significant effects or critical hazards.
	SureSelect LTI5500 IA	No known significant effects or critical hazards.
	SureSelect LTI Pre Capture Primer	No known significant effects or critical hazards.
	SureSelect LTI5500 BC1-BC96 Plate	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Hyb 3	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Indexing Block #1	No known significant effects or critical hazards.
	SureSelect LT Indexing Block #3	No known significant effects or critical hazards.
	SureSelect Hyb #1	No known significant effects or critical hazards.
	SureSelect Hyb #2	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
	SureSelect Hyb #4	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
<b>Ingestion</b>	: 10X End-Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase	No known significant effects or critical hazards.
	T4 Polynucleotide Kinase	No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.
	10x Klenow Polymerase Buffer	No known significant effects or critical hazards.
	Exo(-) Klenow	No known significant effects or critical hazards.
	dATP	No known significant effects or critical hazards.
	SureSelect LTI5500 P1	No known significant effects or critical hazards.
	SureSelect LTI5500 IA	No known significant effects or critical hazards.
	SureSelect LTI Pre Capture Primer	No known significant effects or critical hazards.
	SureSelect LTI5500 BC1-BC96 Plate	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Indexing Block #1	No known significant effects or critical hazards.
	SureSelect LT Indexing Block #3	No known significant effects or critical hazards.
	SureSelect Hyb #1	No known significant effects or critical hazards.
	SureSelect Hyb #2	No known significant effects or critical hazards.
	SureSelect Hyb #4	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
<b>Skin contact</b>	: 10X End-Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase	No known significant effects or critical hazards.
	T4 Polynucleotide Kinase	No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.
	10x Klenow Polymerase Buffer	No known significant effects or critical hazards.
	Exo(-) Klenow	No known significant effects or critical hazards.
	dATP	No known significant effects or critical hazards.
	SureSelect LTI5500 P1	No known significant effects or critical hazards.
	SureSelect LTI5500 IA	No known significant effects or critical hazards.
	SureSelect LTI Pre Capture Primer	No known significant effects or critical hazards.
	SureSelect LTI5500 BC1-BC96 Plate	No known significant effects or critical hazards.



## 11 . Toxicological information

	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Indexing Block #1	No known significant effects or critical hazards.
	SureSelect LT Indexing Block #3	No known significant effects or critical hazards.
	SureSelect Hyb #1	No known significant effects or critical hazards.
	SureSelect Hyb #2	No known significant effects or critical hazards.
	SureSelect Hyb #4	May cause sensitisation by skin contact.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
<b>Eye contact</b>	: 10X End-Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase	No known significant effects or critical hazards.
	T4 Polynucleotide Kinase	No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.
	10x Klenow Polymerase Buffer	No known significant effects or critical hazards.
	Exo(-) Klenow	No known significant effects or critical hazards.
	dATP	No known significant effects or critical hazards.
	SureSelect LTI5500 P1	No known significant effects or critical hazards.
	SureSelect LTI5500 IA	No known significant effects or critical hazards.
	SureSelect LTI Pre Capture Primer	No known significant effects or critical hazards.
	SureSelect LTI5500 BC1-BC96 Plate	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Indexing Block #1	No known significant effects or critical hazards.
	SureSelect LT Indexing Block #3	No known significant effects or critical hazards.
	SureSelect Hyb #1	No known significant effects or critical hazards.
	SureSelect Hyb #2	No known significant effects or critical hazards.
	SureSelect Hyb #4	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.

### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
<b>Klenow DNA Polymerase</b> Glycerol	LD50 Oral	Rat	12600 mg/kg	-
<b>T4 DNA Ligase</b> Glycerol	LD50 Oral	Rat	12600 mg/kg	-
<b>T4 DNA Polymerase</b> Glycerol	LD50 Oral	Rat	12600 mg/kg	-
<b>T4 Polynucleotide Kinase</b> Glycerol	LD50 Oral	Rat	12600 mg/kg	-
<b>Exo(-) Klenow</b> Glycerol	LD50 Oral	Rat	12600 mg/kg	-
<b>SureSelect RNase Block</b> Glycerol	LD50 Oral	Rat	12600 mg/kg	-
<b>SureSelect Hyb #4</b> Sulfuric acid monododecyl ester sodium salt (1:1)	LD50 Oral	Rat	1288 mg/kg	-

**Conclusion/Summary** : Not available.

## 11 . Toxicological information

### Potential chronic health effects

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
<b>5X T4 DNA Ligase Buffer</b> Polyethylene glycol	Eyes - Mild irritant	Rabbit	-	-	-
	Skin - Mild irritant	Rabbit	-	-	-
<b>Klenow DNA Polymerase</b> Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
<b>T4 DNA Ligase</b> Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
<b>T4 DNA Polymerase</b> Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
<b>T4 Polynucleotide Kinase</b> Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
<b>Exo(-) Klenow</b> Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
<b>SureSelect RNase Block</b> Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-

**Conclusion/Summary** : Not available.

#### Sensitiser

**Conclusion/Summary** : Not available.

#### Chronic toxicity / Carcinogenicity / Mutagenicity / Teratogenicity / Reproductive toxicity

Not available.

<b>Chronic effects</b>	: 10X End-Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase	No known significant effects or critical hazards.
	T4 Polynucleotide Kinase	No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.
	10x Klenow Polymerase Buffer	No known significant effects or critical hazards.
	Exo(-) Klenow	No known significant effects or critical hazards.
	dATP	No known significant effects or critical hazards.
	SureSelect LTI5500 P1	No known significant effects or critical hazards.
	SureSelect LTI5500 IA	No known significant effects or critical hazards.
	SureSelect LTI Pre Capture	No known significant effects or critical hazards.
	Primer	No known significant effects or critical hazards.

## 11 . Toxicological information

	SureSelect LTI5500 BC1-BC96 Plate	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Indexing Block #1	No known significant effects or critical hazards.
	SureSelect LT Indexing Block #3	No known significant effects or critical hazards.
	SureSelect Hyb #1	No known significant effects or critical hazards.
	SureSelect Hyb #2	No known significant effects or critical hazards.
	SureSelect Hyb #4	Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
<b>Carcinogenicity</b>	: 10X End-Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase	No known significant effects or critical hazards.
	T4 Polynucleotide Kinase	No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.
	10x Klenow Polymerase Buffer	No known significant effects or critical hazards.
	Exo(-) Klenow	No known significant effects or critical hazards.
	dATP	No known significant effects or critical hazards.
	SureSelect LTI5500 P1	No known significant effects or critical hazards.
	SureSelect LTI5500 IA	No known significant effects or critical hazards.
	SureSelect LTI Pre Capture Primer	No known significant effects or critical hazards.
	SureSelect LTI5500 BC1-BC96 Plate	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Indexing Block #1	No known significant effects or critical hazards.
	SureSelect LT Indexing Block #3	No known significant effects or critical hazards.
	SureSelect Hyb #1	No known significant effects or critical hazards.
	SureSelect Hyb #2	No known significant effects or critical hazards.
	SureSelect Hyb #4	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
<b>Mutagenicity</b>	: 10X End-Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase	No known significant effects or critical hazards.
	T4 Polynucleotide Kinase	No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.
	10x Klenow Polymerase Buffer	No known significant effects or critical hazards.
	Exo(-) Klenow	No known significant effects or critical hazards.
	dATP	No known significant effects or critical hazards.
	SureSelect LTI5500 P1	No known significant effects or critical hazards.
	SureSelect LTI5500 IA	No known significant effects or critical hazards.
	SureSelect LTI Pre Capture Primer	No known significant effects or critical hazards.
	SureSelect LTI5500 BC1-BC96 Plate	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Indexing Block #1	No known significant effects or critical hazards.
	SureSelect LT Indexing Block #3	No known significant effects or critical hazards.
	SureSelect Hyb #1	No known significant effects or critical hazards.
	SureSelect Hyb #2	No known significant effects or critical hazards.

## 11 . Toxicological information

	SureSelect Hyb #4	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
<b>Teratogenicity</b>	: 10X End-Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase	No known significant effects or critical hazards.
	T4 Polynucleotide Kinase	No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.
	10x Klenow Polymerase Buffer	No known significant effects or critical hazards.
	Exo(-) Klenow	No known significant effects or critical hazards.
	dATP	No known significant effects or critical hazards.
	SureSelect LTI5500 P1	No known significant effects or critical hazards.
	SureSelect LTI5500 IA	No known significant effects or critical hazards.
	SureSelect LTI Pre Capture Primer	No known significant effects or critical hazards.
	SureSelect LTI5500 BC1-BC96 Plate	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Indexing Block #1	No known significant effects or critical hazards.
	SureSelect LT Indexing Block #3	No known significant effects or critical hazards.
	SureSelect Hyb #1	No known significant effects or critical hazards.
	SureSelect Hyb #2	No known significant effects or critical hazards.
	SureSelect Hyb #4	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
<b>Developmental effects</b>	: 10X End-Repair Buffer	No known significant effects or critical hazards.
	5X T4 DNA Ligase Buffer	No known significant effects or critical hazards.
	Klenow DNA Polymerase	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	T4 DNA Polymerase	No known significant effects or critical hazards.
	T4 Polynucleotide Kinase	No known significant effects or critical hazards.
	dNTP Mix	No known significant effects or critical hazards.
	10x Klenow Polymerase Buffer	No known significant effects or critical hazards.
	Exo(-) Klenow	No known significant effects or critical hazards.
	dATP	No known significant effects or critical hazards.
	SureSelect LTI5500 P1	No known significant effects or critical hazards.
	SureSelect LTI5500 IA	No known significant effects or critical hazards.
	SureSelect LTI Pre Capture Primer	No known significant effects or critical hazards.
	SureSelect LTI5500 BC1-BC96 Plate	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Indexing Block #1	No known significant effects or critical hazards.
	SureSelect LT Indexing Block #3	No known significant effects or critical hazards.
	SureSelect Hyb #1	No known significant effects or critical hazards.
	SureSelect Hyb #2	No known significant effects or critical hazards.
	SureSelect Hyb #4	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.

**11 . Toxicological information****Fertility effects**

- |                                      |   |
|--------------------------------------|---|
| : 10X End-Repair Buffer              | No known significant effects or critical hazards. |
| 5X T4 DNA Ligase Buffer              | No known significant effects or critical hazards. |
| Klenow DNA Polymerase                | No known significant effects or critical hazards. |
| T4 DNA Ligase                        | No known significant effects or critical hazards. |
| T4 DNA Polymerase                    | No known significant effects or critical hazards. |
| T4 Polynucleotide Kinase             | No known significant effects or critical hazards. |
| dNTP Mix                             | No known significant effects or critical hazards. |
| 10x Klenow Polymerase Buffer         | No known significant effects or critical hazards. |
| Exo(-) Klenow                        | No known significant effects or critical hazards. |
| dATP                                 | No known significant effects or critical hazards. |
| SureSelect LTI5500 P1                | No known significant effects or critical hazards. |
| SureSelect LTI5500 IA                | No known significant effects or critical hazards. |
| SureSelect LTI Pre Capture<br>Primer | No known significant effects or critical hazards. |
| SureSelect LTI5500 BC1-BC96<br>Plate | No known significant effects or critical hazards. |
| SureSelect RNase Block               | No known significant effects or critical hazards. |
| SureSelect Hyb 3                     | No known significant effects or critical hazards. |
| SureSelect Block 2                   | No known significant effects or critical hazards. |
| SureSelect Indexing Block #1         | No known significant effects or critical hazards. |
| SureSelect LT Indexing Block #3      | No known significant effects or critical hazards. |
| SureSelect Hyb #1                    | No known significant effects or critical hazards. |
| SureSelect Hyb #2                    | No known significant effects or critical hazards. |
| SureSelect Hyb #4                    | No known significant effects or critical hazards. |
| SureSelect Binding Buffer            | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 1             | No known significant effects or critical hazards. |
| SureSelect Wash Buffer 2             | No known significant effects or critical hazards. |

**Over-exposure signs/symptoms****Inhalation**

- |                                      |                   |
|--------------------------------------|-------------------|
| : 10X End-Repair Buffer              | No specific data. |
| 5X T4 DNA Ligase Buffer              | No specific data. |
| Klenow DNA Polymerase                | No specific data. |
| T4 DNA Ligase                        | No specific data. |
| T4 DNA Polymerase                    | No specific data. |
| T4 Polynucleotide Kinase             | No specific data. |
| dNTP Mix                             | No specific data. |
| 10x Klenow Polymerase Buffer         | No specific data. |
| Exo(-) Klenow                        | No specific data. |
| dATP                                 | No specific data. |
| SureSelect LTI5500 P1                | No specific data. |
| SureSelect LTI5500 IA                | No specific data. |
| SureSelect LTI Pre Capture<br>Primer | No specific data. |
| SureSelect LTI5500 BC1-BC96<br>Plate | No specific data. |
| SureSelect RNase Block               | No specific data. |
| SureSelect Hyb 3                     | No specific data. |
| SureSelect Block 2                   | No specific data. |
| SureSelect Indexing Block #1         | No specific data. |
| SureSelect LT Indexing Block #3      | No specific data. |
| SureSelect Hyb #1                    | No specific data. |
| SureSelect Hyb #2                    | No specific data. |
| SureSelect Hyb #4                    | No specific data. |
| SureSelect Binding Buffer            | No specific data. |
| SureSelect Wash Buffer 1             | No specific data. |
| SureSelect Wash Buffer 2             | No specific data. |

**Ingestion**

- |                              |                   |
|------------------------------|-------------------|
| : 10X End-Repair Buffer      | No specific data. |
| 5X T4 DNA Ligase Buffer      | No specific data. |
| Klenow DNA Polymerase        | No specific data. |
| T4 DNA Ligase                | No specific data. |
| T4 DNA Polymerase            | No specific data. |
| T4 Polynucleotide Kinase     | No specific data. |
| dNTP Mix                     | No specific data. |
| 10x Klenow Polymerase Buffer | No specific data. |
| Exo(-) Klenow                | No specific data. |

## 11 . Toxicological information

	dATP	No specific data.
	SureSelect LTI5500 P1	No specific data.
	SureSelect LTI5500 IA	No specific data.
	SureSelect LTI Pre Capture Primer	No specific data.
	SureSelect LTI5500 BC1-BC96 Plate	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Hyb 3	No specific data.
	SureSelect Block 2	No specific data.
	SureSelect Indexing Block #1	No specific data.
	SureSelect LT Indexing Block #3	No specific data.
	SureSelect Hyb #1	No specific data.
	SureSelect Hyb #2	No specific data.
	SureSelect Hyb #4	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
<b>Skin</b>	: 10X End-Repair Buffer	No specific data.
	5X T4 DNA Ligase Buffer	No specific data.
	Klenow DNA Polymerase	No specific data.
	T4 DNA Ligase	No specific data.
	T4 DNA Polymerase	No specific data.
	T4 Polynucleotide Kinase	No specific data.
	dNTP Mix	No specific data.
	10x Klenow Polymerase Buffer	No specific data.
	Exo(-) Klenow	No specific data.
	dATP	No specific data.
	SureSelect LTI5500 P1	No specific data.
	SureSelect LTI5500 IA	No specific data.
	SureSelect LTI Pre Capture Primer	No specific data.
	SureSelect LTI5500 BC1-BC96 Plate	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Hyb 3	No specific data.
	SureSelect Block 2	No specific data.
	SureSelect Indexing Block #1	No specific data.
	SureSelect LT Indexing Block #3	No specific data.
	SureSelect Hyb #1	No specific data.
	SureSelect Hyb #2	No specific data.
	SureSelect Hyb #4	Adverse symptoms may include the following: irritation redness
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
<b>Eyes</b>	: 10X End-Repair Buffer	No specific data.
	5X T4 DNA Ligase Buffer	No specific data.
	Klenow DNA Polymerase	No specific data.
	T4 DNA Ligase	No specific data.
	T4 DNA Polymerase	No specific data.
	T4 Polynucleotide Kinase	No specific data.
	dNTP Mix	No specific data.
	10x Klenow Polymerase Buffer	No specific data.
	Exo(-) Klenow	No specific data.
	dATP	No specific data.
	SureSelect LTI5500 P1	No specific data.
	SureSelect LTI5500 IA	No specific data.
	SureSelect LTI Pre Capture Primer	No specific data.
	SureSelect LTI5500 BC1-BC96 Plate	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Hyb 3	No specific data.

## 11 . Toxicological information

	SureSelect Block 2	No specific data.
	SureSelect Indexing Block #1	No specific data.
	SureSelect LT Indexing Block #3	No specific data.
	SureSelect Hyb #1	No specific data.
	SureSelect Hyb #2	No specific data.
	SureSelect Hyb #4	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
<b>Other adverse symptoms</b>	: 10X End-Repair Buffer	Not available.
	5X T4 DNA Ligase Buffer	Not available.
	Klenow DNA Polymerase	Not available.
	T4 DNA Ligase	Not available.
	T4 DNA Polymerase	Not available.
	T4 Polynucleotide Kinase	Not available.
	dNTP Mix	Not available.
	10x Klenow Polymerase Buffer	Not available.
	Exo(-) Klenow	Not available.
	dATP	Not available.
	SureSelect LTI5500 P1	Not available.
	SureSelect LTI5500 IA	Not available.
	SureSelect LTI Pre Capture Primer	Not available.
	SureSelect LTI5500 BC1-BC96 Plate	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect Block 2	Not available.
	SureSelect Indexing Block #1	Not available.
	SureSelect LT Indexing Block #3	Not available.
	SureSelect Hyb #1	Not available.
	SureSelect Hyb #2	Not available.
	SureSelect Hyb #4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
<b>Target organs</b>	: 10X End-Repair Buffer	Contains material which may cause damage to the following organs: upper respiratory tract, skin, eyes.
	5X T4 DNA Ligase Buffer	Contains material which may cause damage to the following organs: upper respiratory tract, skin, eyes.
	Klenow DNA Polymerase	Contains material which may cause damage to the following organs: kidneys, upper respiratory tract, skin, eye, lens or cornea.
	T4 DNA Ligase	Contains material which may cause damage to the following organs: kidneys, upper respiratory tract, skin, eye, lens or cornea.
	T4 DNA Polymerase	Contains material which may cause damage to the following organs: kidneys, upper respiratory tract, skin, eye, lens or cornea.
	T4 Polynucleotide Kinase	Contains material which may cause damage to the following organs: kidneys, upper respiratory tract, skin, eye, lens or cornea.
	dNTP Mix	Not available.
	10x Klenow Polymerase Buffer	Contains material which may cause damage to the following organs: upper respiratory tract, skin, eyes.
	Exo(-) Klenow	Contains material which may cause damage to the following organs: kidneys, upper respiratory tract, skin, eye, lens or cornea.
	dATP	Not available.
	SureSelect LTI5500 P1	Not available.
	SureSelect LTI5500 IA	Not available.

## 11 . Toxicological information

SureSelect LTI Pre Capture Primer	Not available.
SureSelect LTI5500 BC1-BC96 Plate	Not available.
SureSelect RNase Block	Contains material which may cause damage to the following organs: kidneys, upper respiratory tract, skin, eye, lens or cornea.
SureSelect Hyb 3	Not available.
SureSelect Block 2	Not available.
SureSelect Indexing Block #1	Not available.
SureSelect LT Indexing Block #3	Not available.
SureSelect Hyb #1	Contains material which may cause damage to the following organs: upper respiratory tract, skin, eyes, stomach.
SureSelect Hyb #2	Not available.
SureSelect Hyb #4	Not available.
SureSelect Binding Buffer	Contains material which may cause damage to the following organs: upper respiratory tract, skin, eyes, stomach.
SureSelect Wash Buffer 1	Not available.
SureSelect Wash Buffer 2	Not available.

## 12 . Ecological information

**Ecotoxicity** : May cause long-term adverse effects in the aquatic environment.

### Aquatic ecotoxicity

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

### Other ecological information

#### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
<b>Klenow DNA Polymerase</b> Glycerol	-1.76	-	low
<b>T4 DNA Ligase</b> Glycerol	-1.76	-	low
<b>T4 DNA Polymerase</b> Glycerol	-1.76	-	low
<b>T4 Polynucleotide Kinase</b> Glycerol	-1.76	-	low
<b>Exo(-) Klenow</b> Glycerol	-1.76	-	low
<b>SureSelect RNase Block</b> Glycerol	-1.76	-	low

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

## 13 . Disposal considerations

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and



### 13 . Disposal considerations

its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

### 14 . Transport information

**Regulatory information**

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

### 15 . Regulatory information

**Standard Uniform Schedule of Medicine and Poisons**

6, 5

**Control of Scheduled Carcinogenic Substances**

<u>Ingredient name</u>	<u>Schedule</u>
No listed substance	

**Australia inventory (AICS)** : Not determined.

### 16 . Other information

**Remarks** :  
**Date of issue** : 02/10/2014  
**Date of previous issue** : 23/08/2012.

✔ Indicates information that has changed from previously issued version.

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