Conforms to US OSHA Hazard Communication 29CFR1910.1200

# **SAFETY DATA SHEET**



SureSelect XT Low Input Reagent kit, index 97-192 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9708R

### Section 1. Identification

1.1 Product identifier		
Product name	: SureSelect XT Low Input Reagent kit, index 9 Panel, 96rxn, Part Number G9708R	97-192 + SSel Cancer All-In-One Lung
Part no. (chemical kit)	: G9708R	
Part no.	: <u>SureSelect XT HS and XT Low Input</u> <u>Library Preparation Kit for ILM (Pre PCR)</u> . 96 Reactions	<u>5500-0140</u>
	End Repair-A Tailing Enzyme Mix	5190-6435
	End Repair-A Tailing Buffer	5190-6436
	T4 DNA Ligase	5190-6437
	Ligation Buffer	5190-6438
	Adaptor Oligo Mix	5190-6439
	Forward Primer	5190-6440
	SureSelect XT HS and XT Low Input	<u>5500-0140 / 5190-9686</u>
	Library Preparation Kit for ILM (Pre PCR),	
	<u>96 Reactions / SureSelect XT HS and XT</u>	
	Low Input Target Enrichment Kit, ILM Hyb	
	Module, Box 2 (Post PCR), 96 Reactions	000440 54
	100 mM dNTP Mix (25 mM each dNTP)	200418-51
	Herculase II Fusion DNA Polymerase	5600-3761
	5X Herculase II Reaction Buffer	600675-52
	<u>SureSelect XT HS Target Enrichment Kit,</u> ILM Hyb Module, Box 1 (Post PCR), 96	<u>5190-9687</u>
	Reactions	
	SureSelect Binding Buffer	5190-9734
	SureSelect Wash Buffer 1	5190-4408
	SureSelect Wash Buffer 2	5190-4409
	SureSelect XT HS and XT Low Input	5190-9686
	Target Enrichment Kit, ILM Hyb Module, Box 2 (Post PCR), 96 Reactions	
	SureSelect XT HS and XT Low Input Blocker Mix	5190-9534
	SureSelect Fast Hybridization Buffer	5190-7330
	SureSelect RNase Block	5972-3700
	SureSelect Post-Capture Primer Mix	5190-9732
	SureSelect XT Low Input Index Primers 97-192 for ILM (Pre PCR)	<u>5190-6445</u>
	SSEL Low Input Index Primer, Plate 2, ILM	5190-6443
	SSel XT HS and XT Low Input Cancer All-	<u>5191-4097</u>
	In-One Lung, 96 Reactions	
	SSel XT HS and XT Low Input Cancer All- In-One Lung, 96 Reactions	5191-4097
Validation date	: 4/19/2022	
	es of the substance or mixture and uses advised	against
Material uses	: Analytical reagent.	
	For Research Use Only. Not for use in diagnos	tic procedures.

#### Section 1. Identification

End Repair-A Tailing Enzyme Mix
End Repair-A Tailing Buffer
T4 DNA Ligase
Ligation Buffer
Adaptor Oligo Mix
Forward Primer
100 mM dNTP Mix (25 mM each dNTP)
Herculase II Fusion DNA Polymerase
5X Herculase II Reaction Buffer
SureSelect Binding Buffer
SureSelect Wash Buffer 1
SureSelect Wash Buffer 2
SureSelect XT HS and XT Low Input Blocker
Mix
SureSelect Fast Hybridization Buffer
SureSelect RNase Block
SureSelect Post-Capture Primer Mix
SSEL Low Input Index Primer, Plate 2, ILM
SSel XT HS and XT Low Input Cancer All-In-
One Lung, 96 Reactions

0.512 ml (96 reactions) 2.048 ml (96 reactions) 0.256 ml (96 reactions) 2.944 ml (96 reactions) 0.64 - 0.7 ml (96 reactions) 0.256 ml (96 reactions) 0.1 ml 0.14 ml (96 reactions) 1.5 ml 93 ml 48 ml 144 ml 0.64 ml (96 reactions) 0.918 ml 0.08 ml 0.14 ml (96 reactions) 96 x 0.01 ml (96 reactions) 0.192 ml

#### 1.3 Details of the supplier of the safety data sheet

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

#### **<u>1.4 Emergency telephone number</u>**

2.1 Classification of the substance or mixture				
OSHA/HCS status	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.		
	T4 DNA Ligase	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).		
	Ligation Buffer	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).		
	Adaptor Oligo Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.		
	Forward Primer	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.		

100 mM dNTP Mix (25 mM	While this material is not considered hazardous by the
each dNTP)	OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees
	and other users of this product.
Herculase II Fusion DNA	This material is considered hazardous by the OSHA
Polymerase	Hazard Communication Standard (29 CFR 1910.1200).
5X Herculase II Reaction	While this material is not considered hazardous by the
Buffer	OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees
	and other users of this product.
SureSelect Binding Buffer	While this material is not considered hazardous by the
Surveyed Binding Building	OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees
	and other users of this product.
SureSelect Wash Buffer 1	While this material is not considered hazardous by the
	OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees
	and other users of this product.
SureSelect Wash Buffer 2	While this material is not considered hazardous by the
	OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees
	and other users of this product.
SureSelect XT HS and XT	While this material is not considered hazardous by the
Low Input Blocker Mix	OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees
	and other users of this product.
SureSelect Fast	While this material is not considered hazardous by the
Hybridization Buffer	OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees
SureSelect RNase Block	and other users of this product. This material is considered hazardous by the OSHA
SuleSelect Rivase Diock	Hazard Communication Standard (29 CFR 1910.1200).
SureSelect Post-Capture	While this material is not considered hazardous by the
Primer Mix	OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees
	and other users of this product.
SSEL Low Input Index	While this material is not considered hazardous by the
Primer, Plate 2, ILM	OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees
SSel XT HS and XT Low	and other users of this product. While this material is not considered hazardous by the
Input Cancer All-In-One	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR
	USHA Hazaru USHIMUMULANDI Shahuaru (29 UFR

	Lung, 96 Reactions	1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
Classification of the substan		
End Repair-A Tailing Enzyme	e	
Mix		No. 0D
H320	EYE IRRITATION - Catego	ער 2⊅
<b>T4 DNA Ligase</b> H320	EYE IRRITATION - Catego	ory 2B
Ligation Buffer H320	EYE IRRITATION - Catego	orv 2B
. 1020		.,
Herculase II Fusion DNA Polymerase H320	EYE IRRITATION - Catego	ory 2B
SureSelect RNase Block		
H320	EYE IRRITATION - Catego	ory 2B
	100 mM dNTP Mix (25 mM	each Percentage of the mixture consisting of ingredient
	dNTP)	(s) of unknown hazards to the aquatic environment:
	SureSelect Fast Hybridization Buffer	<ul> <li>5.4%</li> <li>Percentage of the mixture consisting of ingredient</li> <li>(s) of unknown hazards to the aquatic environment:</li> <li>31.3%</li> </ul>
2.2 GHS label elements		
Signal word	End Repair-A Tailing Enzym	
	End Repair-A Tailing Buffer	
	T4 DNA Ligase Ligation Buffer	Warning Warning
	Adaptor Oligo Mix	Warning No signal word.
	Forward Primer	No signal word.
	100 mM dNTP Mix (25 mM	
	dNTP) Herculase II Eusion DNA	Warning
	Herculase II Fusion DNA Polymerase	Warning
	5X Herculase II Reaction Bu	uffer No signal word.
	SureSelect Binding Buffer	No signal word.
	SureSelect Wash Buffer 1	No signal word.
	SureSelect Wash Buffer 2 SureSelect XT HS and XT L	No signal word. Low No signal word.
	Input Blocker Mix	
	SureSelect Fast Hybridization	on No signal word.
	SureSelect RNase Block	Warning
	SureSelect Post-Capture Pr Mix	
	SSEL Low Input Index Prim Plate 2, ILM	-
	SSel XT HS and XT Low In Cancer All-In-One Lung, 96 Reactions	

Hazard statements	: End Repair-A Tailing Enzyme Mix	H320 - Causes eye irritation.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	H320 - Causes eye irritation.
	Ligation Buffer	H320 - Causes eye irritation.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each	No known significant effects or critical hazards.
	dNTP)	-
	Herculase II Fusion DNA	H320 - Causes eye irritation.
	Polymerase	·
	5X Herculase II Reaction Buffer	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.
	SureSelect XT HS and XT Low	No known significant effects or critical hazards.
	Input Blocker Mix	Ũ
	SureSelect Fast Hybridization	No known significant effects or critical hazards.
	Buffer	Ũ
	SureSelect RNase Block	H320 - Causes eye irritation.
	SureSelect Post-Capture Primer	No known significant effects or critical hazards.
	Mix	Ŭ
	SSEL Low Input Index Primer,	No known significant effects or critical hazards.
	Plate 2, ILM	Ŭ
	SSel XT HS and XT Low Input	No known significant effects or critical hazards.
	Cancer All-In-One Lung, 96	5
	Reactions	
Precautionary statements		
		NI-4 P I-I
Prevention	End Repair-A Tailing Enzyme Mix	Not applicable.
	End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	Not applicable.
	Ligation Buffer	Not applicable.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer	Not applicable.
	100 mM dNTP Mix (25 mM each	Not applicable.
	dNTP)	Net employed
	Herculase II Fusion DNA	Not applicable.
	Polymerase	Net overlight
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT Low	Not applicable.
	Input Blocker Mix	Net overlight
	SureSelect Fast Hybridization	Not applicable.
	Buffer	
	SureSelect RNase Block	Not applicable.
	SureSelect Post-Capture Primer	Not applicable.
	Mix	Natangliashis
	SSEL Low Input Index Primer,	Not applicable.
	Plate 2, ILM	Net eveloped
	SSel XT HS and XT Low Input	Not applicable.
	Cancer All-In-One Lung, 96	
	Reactions	

Response	: End Repair-A Tailing Enzyme Mix	P305 + P351 + P338 - IF IN EYES: Rinse
		cautiously with water for several minutes. Remove
		contact lenses, if present and easy to do. Continue rinsing.
		P337 + P313 - If eye irritation persists: Get medical
		advice or attention.
	End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	P305 + P351 + P338 - IF IN EYES: Rinse
		cautiously with water for several minutes. Remove
		contact lenses, if present and easy to do. Continue rinsing.
		P337 + P313 - If eye irritation persists: Get medical
		advice or attention.
	Ligation Buffer	P305 + P351 + P338 - IF IN EYES: Rinse
		cautiously with water for several minutes. Remove
		contact lenses, if present and easy to do. Continue
		rinsing.
		P337 + P313 - If eye irritation persists: Get medical advice or attention.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer	Not applicable.
	100 mM dNTP Mix (25 mM each	Not applicable.
	dNTP) Herculase II Fusion DNA	D205 + D254 + D228 - IF IN EVES Dingo
	Polymerase	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove
	1 olymorade	contact lenses, if present and easy to do. Continue
		rinsing.
		P337 + P313 - If eye irritation persists: Get medical
		advice or attention.
	5X Herculase II Reaction Buffer SureSelect Binding Buffer	Not applicable. Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT Low	Not applicable.
	Input Blocker Mix	
	SureSelect Fast Hybridization Buffer	Not applicable.
	SureSelect RNase Block	P305 + P351 + P338 - IF IN EYES: Rinse
		cautiously with water for several minutes. Remove
		contact lenses, if present and easy to do. Continue
		rinsing.
		P337 + P313 - If eye irritation persists: Get medical
	SureSelect Post-Capture Primer	advice or attention. Not applicable.
	Mix	
	SSEL Low Input Index Primer,	Not applicable.
	Plate 2, ILM	
	SSel XT HS and XT Low Input	Not applicable.
	Cancer All-In-One Lung, 96 Reactions	
Storage	: End Repair-A Tailing Enzyme Mix	Not applicable.
otorago	End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	Not applicable.
	Ligation Buffer	Not applicable.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer 100 mM dNTP Mix (25 mM each	Not applicable. Not applicable.
	dNTP)	
	Herculase II Fusion DNA	Not applicable.
	Polymerase	
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	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT Low	Not applicable.
	Input Blocker Mix	
	SureSelect Fast Hybridization	Not applicable.
	Buffer	
	SureSelect RNase Block	Not applicable.
	SureSelect Post-Capture Primer	Not applicable.
	Mix	
	SSEL Low Input Index Primer,	Not applicable.
	Plate 2, ILM	
	SSel XT HS and XT Low Input	Not applicable.
	· · · · · · · · · · · · · · · · · · ·	Het applicable.
	Cancer All-In-One Lung, 96	
	Reactions	
Disposal	End Repair-A Tailing Enzyme Mix	Not applicable.
	End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	Not applicable.
	Ligation Buffer	Not applicable.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer	Not applicable.
		Not applicable.
	100 mM dNTP Mix (25 mM each	Nut applicable.
	dNTP)	
	Herculase II Fusion DNA	Not applicable.
	Polymerase	
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	-	
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT Low	Not applicable.
	Input Blocker Mix	
	SureSelect Fast Hybridization	Not applicable.
	Buffer	Not applicable.
	SureSelect RNase Block	Natannliaghla
		Not applicable.
	SureSelect Post-Capture Primer	Not applicable.
	Mix	
	SSEL Low Input Index Primer,	Not applicable.
	Plate 2, ILM	
	SSel XT HS and XT Low Input	Not applicable.
	•	Not applicable.
	Cancer All-In-One Lung, 96	
	Reactions	
Supplemental label	End Repair-A Tailing Enzyme Mix	None known.
elements	End Repair-A Tailing Buffer	None known.
	T4 DNA Ligase	None known.
		None known.
	Ligation Buffer	
	Adaptor Oligo Mix	None known.
	Forward Primer	None known.
	100 mM dNTP Mix (25 mM each	None known.
	dNTP)	
	Herculase II Fusion DNA	None known.
		NONG KHOWH.
	Polymerase	NI
	5X Herculase II Reaction Buffer	None known.
	SureSelect Binding Buffer	None known.
	SureSelect Wash Buffer 1	None known.
	SureSelect Wash Buffer 2	None known.
	SureSelect XT HS and XT Low	None known.
		NONG KHOWH.
	Input Blocker Mix	Niewe Iwe street
	SureSelect Fast Hybridization	None known.
	Buffer	

	SureSelect RNase Block	None known.
	SureSelect Post-Capture Primer Mix	None known.
	SSEL Low Input Index Primer, Plate 2, ILM	None known.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	None known.
2.3 Other hazards		
Hazards not otherwise :	End Repair-A Tailing Enzyme Mix	None known.
classified	End Repair-A Tailing Buffer	None known.
	T4 DNA Ligase	None known.
	Ligation Buffer	None known.
	Adaptor Oligo Mix	None known.
	Forward Primer	None known.
	100 mM dNTP Mix (25 mM each dNTP)	None known.
	Herculase II Fusion DNA Polymerase	None known.
	5X Herculase II Reaction Buffer	None known.
	SureSelect Binding Buffer	None known.
	SureSelect Wash Buffer 1	None known.
	SureSelect Wash Buffer 2	None known.
	SureSelect XT HS and XT Low Input Blocker Mix	None known.
	SureSelect Fast Hybridization Buffer	None known.
	SureSelect RNase Block	None known.
	SureSelect Post-Capture Primer Mix	None known.
	SSEL Low Input Index Primer, Plate 2, ILM	None known.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	None known.

### Section 3. Composition/information on ingredients

Substance/mixture	: End Repair-A Tailing Enzyme Mix	Mixture
	End Repair-A Tailing Buffer	Mixture
	T4 DNA Ligase	Mixture
	Ligation Buffer	Mixture
	Adaptor Oligo Mix	Mixture
	Forward Primer	Mixture
	100 mM dNTP Mix (25 mM each dNTP)	Mixture
	Herculase II Fusion DNA Polymerase	Mixture
	5X Herculase II Reaction Buffer	Mixture
	SureSelect Binding Buffer	Mixture
	SureSelect Wash Buffer 1	Mixture
	SureSelect Wash Buffer 2	Mixture
	SureSelect XT HS and XT Low Input Blocker Mix	Mixture
	SureSelect Fast Hybridization Buffer	Mixture
	SureSelect RNase Block	Mixture
	SureSelect Post-Capture Primer Mix	Mixture
	SSEL Low Input Index Primer, Plate 2, ILM	Mixture
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96	Mixture

#### Section 3. Composition/information on ingredients

Reactions

Ingredient name	%	CAS number
End Repair-A Tailing Enzyme Mix		
Glycerol	≥50 - ≤75	56-81-5
End Repair-A Tailing Buffer		
Potassium chloride	≤3	7447-40-7
T4 DNA Ligase		
Glycerol	≥50 - ≤75	56-81-5
Ligation Buffer		
Polyethylene glycol	≥10 - ≤25	25322-68-3
Glycerol	≥10 - ≤25	56-81-5
Herculase II Fusion DNA Polymerase		
Glycerol	≥50 - ≤75	56-81-5
5X Herculase II Reaction Buffer		
Trometamol	≤3	77-86-1
Ammonium sulphate	≤3	7783-20-2
Hexadecan-1-ol, ethoxylated	<2.5	9004-95-9
SureSelect Binding Buffer		
Sodium chloride	<10	7647-14-5
SureSelect Wash Buffer 1		
Sodium dodecyl sulphate	≤0.3	151-21-3
SureSelect Wash Buffer 2		
Sodium dodecyl sulphate	≤0.3	151-21-3
SureSelect RNase Block		
Glycerol	≥50 - ≤75	56-81-5
SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions		
Glycerol	≤3	56-81-5

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

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

4.1 Description of	necessary first aid measures	
Eye contact	: End Repair-A Tailing Enzyme Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
	End Repair-A Tailing 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.
	T4 DNA Ligase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses.
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Ligation But	ffer	Continue to rinse for at least 10 minutes. If irritation persists, get medical attention. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses.
Adaptor Oli	go Mix	Continue to rinse for at least 10 minutes. If irritation persists, get medical attention. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get
Forward Pri	mer	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.
100 mM dN dNTP)	TP Mix (25 mM each	Check for and remove any contact lenses. Get medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get
Herculase I Polymerase	I Fusion DNA	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses.
5X Hercula	se II Reaction Buffer	Continue to rinse for at least 10 minutes. If irritation persists, get medical attention. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get
SureSelect	Binding Buffer	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get
SureSelect	Wash Buffer 1	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
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
SureSelect Input Block	XT HS and XT Low er Mix	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get
SureSelect Buffer	Fast Hybridization	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get
SureSelect	RNase Block	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If
SureSelect Mix	Post-Capture Primer	irritation persists, get medical attention. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get
SSEL Low I Plate 2, ILM	nput Index Primer, I	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get

	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation :	End Repair-A Tailing Enzyme Mix	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.
	End Repair-A Tailing 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.
	T4 DNA Ligase Ligation Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. 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.
	Adaptor Oligo Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	Forward Primer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	100 mM dNTP Mix (25 mM each dNTP)	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

Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer	hours. 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. 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
SureSelect Binding Buffer	hours. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical
SureSelect Wash Buffer 1	attention if symptoms occur. 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.
SureSelect XT HS and XT Low Input Blocker Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical
SureSelect Fast Hybridization Buffer	attention if symptoms occur. 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 RNase Block	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 Post-Capture Primer Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SSEL Low Input Index Primer, Plate 2, ILM	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin contact	: End Repair-A Tailing Enzyme Mix	Flush contaminated skin with plenty of water.
		Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash
		clothing before reuse. Clean shoes thoroughly
	End Danair A Tailing Buffar	before reuse.
	End Repair-A Tailing Buffer	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. Wash
		clothing before reuse. Clean shoes thoroughly
		before reuse.
	Ligation Buffer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur. Wash
		clothing before reuse. Clean shoes thoroughly
	Adapter Olize Mix	before reuse.
	Adaptor Oligo Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	Forward Primer	Flush contaminated skin with plenty of water.
		Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	100 mM dNTP Mix (25 mM each	Flush contaminated skin with plenty of water.
	dNTP)	Remove contaminated clothing and shoes. Get
	Hereulese II Fusien DNA	medical attention if symptoms occur.
	Herculase II Fusion DNA Polymerase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get
	i elymenaee	medical attention if symptoms occur. Wash
		clothing before reuse. Clean shoes thoroughly
	5X Herculase II Reaction Buffer	before reuse. Flush contaminated skin with plenty of water.
	over lefoundee in reduction Durier	Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	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
	SureSelect Wash Buffer 2	medical attention if symptoms occur. Flush contaminated skin with plenty of water.
		Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	SureSelect XT HS and XT Low Input Blocker Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	SureSelect Fast Hybridization	Flush contaminated skin with plenty of water.
	Buffer	Remove contaminated clothing and shoes. Get
	SureSelect RNase Block	medical attention if symptoms occur. Flush contaminated skin with plenty of water.
		Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur. Wash
		clothing before reuse. Clean shoes thoroughly before reuse.
	SureSelect Post-Capture Primer	Flush contaminated skin with plenty of water.
	Mix	Remove contaminated clothing and shoes. Get
	SSEL Low Input Index Primer,	medical attention if symptoms occur. Flush contaminated skin with plenty of water.
	Plate 2, ILM	Remove contaminated clothing and shoes. Get
	,	g

Ingestion :	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Beactions End Repair-A Tailing Enzyme Mix	medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash out mouth with water. Remove dentures if any. 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.
	End Repair-A Tailing Buffer	Wash out mouth with water. 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
	T4 DNA Ligase	occur. Wash out mouth with water. Remove dentures if any. 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,
	Ligation Buffer	place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Wash out mouth with water. Remove dentures if any. 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
	Adaptor Oligo Mix	immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Wash out mouth with water. 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.
	Forward Primer	Wash out mouth with water. 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.
100 mM dNTP Mix (25 mM each dNTP)	Wash out mouth with water. 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.
Herculase II Fusion DNA Polymerase	Wash out mouth with water. Remove dentures if any. 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
5X Herculase II Reaction Buffer	tight clothing such as a collar, tie, belt or waistband. Wash out mouth with water. 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 Binding Buffer	Wash out mouth with water. 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. 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. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect XT HS and XT Low Input Blocker Mix	Wash out mouth with water. 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 Fast Hybridization Buffer	Wash out mouth with water. 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 dentures if

		any. 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 Post-Capture Primer Mix	Wash out mouth with water. 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.
	SSEL Low Input Index Primer, Plate 2, ILM	Wash out mouth with water. 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.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
4.2 Most important symptom Potential acute health effect	is/effects, acute and delayed	
Potential acute nealth effec		
Eye contact	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix	Causes eye irritation. No known significant effects or critical hazards. Causes eye irritation. Causes eye irritation. No known significant effects or critical hazards.
	Forward Primer 100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards. No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	Causes eye irritation.
	5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
	SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards. No known significant effects or critical hazards.
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block SureSelect Post-Capture Primer Mix	Causes eye irritation. No known significant effects or critical hazards.
	SSEL Low Input Index Primer, Plate 2, ILM	No known significant effects or critical hazards.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96	No known significant effects or critical hazards.

Inhalation : End Repair-A Tailing Enzyme Mix No known significant effects or critica End Repair-A Tailing Buffer No known significant effects or critica No known significant effects or critica	
T4 DNA LigaseNo known significant effects or criticaLigation BufferNo known significant effects or criticaAdaptor Oligo MixNo known significant effects or criticaForward PrimerNo known significant effects or critica100 mM dNTP Mix (25 mM each dNTP)No known significant effects or criticaHerculase II Fusion DNA PolymeraseNo known significant effects or criticaSureSelect Binding BufferNo known significant effects or criticaSureSelect Wash Buffer 1 SureSelect Wash Buffer 2No known significant effects or criticaSureSelect Wash Buffer 2 SureSelect RNase Block SureSelect Post-Capture Primer MixNo known significant effects or criticaSter Select IS Low Input Index Primer, 	al hazards. al hazards.
End Repair-A Tailing Buffer T4 DNA LigaseNo known significant effects or critica No known significant effects or critica<	al hazards. al hazards.

Ingestion :	End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	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.
	SureSelect XT HS and XT Low	No known significant effects or critical hazards.
	Input Blocker Mix SureSelect Fast Hybridization	No known significant effects or critical hazards.
	Buffer	
	SureSelect RNase Block SureSelect Post-Capture Primer	No known significant effects or critical hazards. No known significant effects or critical hazards.
	Mix SSEL Low Input Index Primer,	No known significant effects or critical hazards.
	Plate 2, ILM SSel XT HS and XT Low Input	No known significant effects or critical hazards.
	Cancer All-In-One Lung, 96 Reactions	
Over-exposure signs/symptor	<u>ns</u>	
Eye contact :	End Repair-A Tailing Enzyme Mix	Adverse symptoms may include the following: irritation
		watering redness
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	Adverse symptoms may include the following:
	C C	irritation
		watering
		redness
	Ligation Buffer	Adverse symptoms may include the following:
		irritation
		watering
		redness
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Herculase II Fusion DNA Polymerase	Adverse symptoms may include the following:
		irritation
		watering
		redness
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low	No specific data.
	Input Blocker Mix	No specific data
	SureSelect Fast Hybridization Buffer	No specific data.
	SureSelect RNase Block	Adverse symptoms may include the following:
		irritation
		watering
		-

		redness
	SureSelect Post-Capture Primer Mix	No specific data.
	SSEL Low Input Index Primer, Plate 2, ILM	No specific data.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No specific data.
Inhalation :	End Repair-A Tailing Enzyme Mix	No specific data.
initialation .	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Herculase II Fusion DNA Polymerase	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low	No specific data.
	Input Blocker Mix	no opeenie data.
	SureSelect Fast Hybridization Buffer	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture Primer	No specific data.
	Mix	
	SSEL Low Input Index Primer, Plate 2, ILM	No specific data.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No specific data.
Skin contact :	End Repair-A Tailing Enzyme Mix	No specific data.
okin contact .	End Repair-A Tailing Buffer	No specific data.
		•
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Herculase II Fusion DNA Polymerase	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low	No specific data.
	Input Blocker Mix	
	SureSelect Fast Hybridization Buffer SureSelect PNece Pleak	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture Primer	No specific data.
	SSEL Low Input Index Primer, Plate 2, ILM	No specific data.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No specific data.

Ingestion	: End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each	No specific data.
	dNTP)	
	Herculase II Fusion DNA	No specific data.
	Polymerase	
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low	No specific data.
	Input Blocker Mix	
	SureSelect Fast Hybridization	No specific data.
	Buffer	
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture Primer	No specific data.
	Mix	
	SSEL Low Input Index Primer,	No specific data.
	Plate 2, ILM	
	SSel XT HS and XT Low Input	No specific data.
	Cancer All-In-One Lung, 96	
	Reactions	
4.3 Indication of immediat	e medical attention and special treatm	ent needed, if necessary
Notes to physician	: End Repair-A Tailing Enzyme Mix	
Notes to physician		specialist immediately if large quantities have been
		ingested or inhaled.
	End Repair-A Tailing Buffer	-
		In case of inhalation of decomposition products in a
		fire, symptoms may be delayed. The exposed
		fire, symptoms may be delayed. The exposed person may need to be kept under medical
		fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	T4 DNA Ligase	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment
		fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been
	T4 DNA Ligase	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment
	T4 DNA Ligase	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been
	T4 DNA Ligase Ligation Buffer	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	T4 DNA Ligase	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment
	T4 DNA Ligase Ligation Buffer	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	T4 DNA Ligase Ligation Buffer	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment
	T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been
	T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a
	T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed
	T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical
	T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP)	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment
	T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP)	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been
	T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a
	T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed
	T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical
	T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase	fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical

		ingested or inhaled.
	SureSelect Wash Buffer 1	Treat symptomatically. Contact poison treatment
		specialist immediately if large quantities have been
		ingested or inhaled.
	SureSelect Wash Buffer 2	Treat symptomatically. Contact poison treatment
		specialist immediately if large quantities have been
		ingested or inhaled.
	SureSelect XT HS and XT Low	Treat symptomatically. Contact poison treatment
	Input Blocker Mix	specialist immediately if large quantities have been ingested or inhaled.
	SureSelect Fast Hybridization	In case of inhalation of decomposition products in a
	Buffer	fire, symptoms may be delayed. The exposed person may need to be kept under medical
		surveillance for 48 hours.
	SureSelect RNase Block	Treat symptomatically. Contact poison treatment
		specialist immediately if large quantities have been
	SuraSalaat Daat Cantura Drimar	ingested or inhaled. Treat symptomatically. Contact poison treatment
	SureSelect Post-Capture Primer Mix	specialist immediately if large quantities have been ingested or inhaled.
	SSEL Low Input Index Primer,	Treat symptomatically. Contact poison treatment
	Plate 2, ILM	specialist immediately if large quantities have been ingested or inhaled.
	SSel XT HS and XT Low Input	Treat symptomatically. Contact poison treatment
	Cancer All-In-One Lung, 96	specialist immediately if large quantities have been
	Reactions	ingested or inhaled.
Specific treatments :	End Repair-A Tailing Enzyme Mix	No specific treatment.
	End Repair-A Tailing Buffer	No specific treatment.
	T4 DNA Ligase	No specific treatment.
	Ligation Buffer	No specific treatment.
	Adaptor Oligo Mix	No specific treatment.
	Forward Primer	No specific treatment.
	100 mM dNTP Mix (25 mM each dNTP)	No specific treatment.
	Herculase II Fusion DNA Polymerase	No specific treatment.
	5X Herculase II Reaction Buffer	No specific treatment.
	SureSelect Binding Buffer	No specific treatment.
	SureSelect Wash Buffer 1	No specific treatment.
	SureSelect Wash Buffer 2	No specific treatment.
	SureSelect XT HS and XT Low Input Blocker Mix	No specific treatment.
	SureSelect Fast Hybridization	No specific treatment.
	Buffer	
	SureSelect RNase Block	No specific treatment.
	SureSelect Post-Capture Primer Mix	No specific treatment.
	SSEL Low Input Index Primer, Plate 2, ILM	No specific treatment.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No specific treatment.

Protection of first-aiders	: End Repair-A Tailing Enzyme Mix	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.
	End Repair-A Tailing Buffer	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. It may be dangerous to the person providing aid to give mouth-to-mouth
	Ligation Buffer	resuscitation. 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
	Adaptor Oligo Mix	resuscitation. No action shall be taken involving any personal risk or without suitable training.
	Forward Primer	No action shall be taken involving any personal risk or without suitable training.
	100 mM dNTP Mix (25 mM each dNTP)	No action shall be taken involving any personal risk or without suitable training.
	Herculase II Fusion DNA Polymerase	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.
	5X Herculase II Reaction Buffer	No action shall be taken involving any personal risk or without suitable training.
	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.
	SureSelect XT HS and XT Low Input Blocker Mix	No action shall be taken involving any personal risk or without suitable training.
	SureSelect Fast Hybridization Buffer	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. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
	SureSelect Post-Capture Primer Mix	No action shall be taken involving any personal risk or without suitable training.
	SSEL Low Input Index Primer, Plate 2, ILM	No action shall be taken involving any personal risk or without suitable training.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

#### Section 5. Fire-fighting measures

#### 5.1 Extinguishing media

Section 5. The-light		
Suitable extinguishing : media	End Repair-A Tailing Enzyme Mix	Use an extinguishing agent suitable for the surrounding fire.
	End Repair-A Tailing Buffer	Use an extinguishing agent suitable for the surrounding fire.
	T4 DNA Ligase	Use an extinguishing agent suitable for the surrounding fire.
	Ligation Buffer	Use an extinguishing agent suitable for the surrounding fire.
	Adaptor Oligo Mix	Use an extinguishing agent suitable for the surrounding fire.
	Forward Primer	Use an extinguishing agent suitable for the surrounding fire.
	100 mM dNTP Mix (25 mM each dNTP)	Use an extinguishing agent suitable for the surrounding fire.
	Herculase II Fusion DNA	Use an extinguishing agent suitable for the
	Polymerase	surrounding fire.
	5X Herculase II Reaction Buffer	Use an extinguishing agent suitable for the
	SureSelect Binding Buffer	surrounding fire. Use an extinguishing agent suitable for the
	SureSelect Wash Buffer 1	surrounding fire. Use an extinguishing agent suitable for the
	SureSelect Wash Buffer 2	surrounding fire. Use an extinguishing agent suitable for the surrounding fire.
	SureSelect XT HS and XT Low Input Blocker Mix	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Fast Hybridization	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect RNase Block	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Post-Capture Primer Mix	Use an extinguishing agent suitable for the surrounding fire.
	SSEL Low Input Index Primer, Plate 2, ILM	Use an extinguishing agent suitable for the surrounding fire.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96	Use an extinguishing agent suitable for the surrounding fire.
	Reactions	, in the second s
Unsuitable extinguishing :	End Repair-A Tailing Enzyme Mix	None known.
media	End Repair-A Tailing Buffer	None known.
	T4 DNA Ligase	None known.
	Ligation Buffer	None known.
	Adaptor Oligo Mix	None known.
	Forward Primer	None known.
	100 mM dNTP Mix (25 mM each dNTP)	None known.
	Herculase II Fusion DNA Polymerase	None known.
	5X Herculase II Reaction Buffer	None known.
	SureSelect Binding Buffer	None known.
	SureSelect Wash Buffer 1	None known.
	SureSelect Wash Buffer 2	None known.
	SureSelect XT HS and XT Low Input Blocker Mix	None known.
	SureSelect Fast Hybridization Buffer	None known.
	SureSelect RNase Block	None known.
	SureSelect Post-Capture Primer Mix	None known.
	SSEL Low Input Index Primer, Plate 2, ILM	None known.
Data of issues a 04/40/000	-	

SSel XT HS and XT Low Input Nor Cancer All-In-One Lung, 96 Reactions

None known.

#### 5.2 Special hazards arising from the substance or mixture

J.Z Opecial hazards ansing	from the substance or mixture	
Specific hazards arising from the chemical	: End Repair-A Tailing Enzyme Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
	End Repair-A Tailing Buffer	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.
	Ligation Buffer	In a fire or if heated, a pressure increase will occur
	Adaptor Oligo Mix	and the container may burst. In a fire or if heated, a pressure increase will occur
		and the container may burst.
	Forward Primer	In a fire or if heated, a pressure increase will occur and the container may burst.
	100 mM dNTP Mix (25 mM each dNTP)	In a fire or if heated, a pressure increase will occur and the container may burst.
	Herculase II Fusion DNA	In a fire or if heated, a pressure increase will occur
	Polymerase 5X Herculase II Reaction Buffer	and the container may burst. 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.
	SureSelect XT HS and XT Low Input Blocker Mix	In a fire or if heated, a pressure increase will occur
	SureSelect Fast Hybridization	and the container may burst. In a fire or if heated, a pressure increase will occur
	Buffer SureSelect RNase Block	and the container may burst. In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect Post-Capture Primer Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
	SSEL Low Input Index Primer, Plate 2, ILM	In a fire or if heated, a pressure increase will occur and the container may burst.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	: End Repair-A Tailing Enzyme Mix	Decomposition products may include the following materials:
		carbon dioxide carbon monoxide
	End Repair-A Tailing Buffer	Decomposition products may include the following materials:
		carbon dioxide
		carbon monoxide nitrogen oxides
		halogenated compounds
	T4 DNA Ligase	metal oxide/oxides Decomposition products may include the following
	-	materials: carbon dioxide
		carbon monoxide
	Ligation Buffer	Decomposition products may include the following materials:

		carbon dioxide
		carbon monoxide
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each	Decomposition products may include the following
	dNTP)	materials:
		carbon dioxide
		carbon monoxide
		nitrogen oxides
		phosphorus oxides
	Herculase II Fusion DNA	Decomposition products may include the following
	Polymerase	materials:
		carbon dioxide
		carbon monoxide
	5X Herculase II Reaction Buffer	Decomposition products may include the following
	er therealace in reaction Buildi	materials:
		carbon dioxide
		carbon monoxide
		nitrogen oxides
		sulfur oxides
		metal oxide/oxides
	SureSelect Binding Buffer	Decomposition products may include the following
	Edibeoloot Binding Bulloi	materials:
		halogenated compounds
		metal oxide/oxides
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low	No specific data.
	Input Blocker Mix	··· · · · · · · · · · · · · · · · · ·
	SureSelect Fast Hybridization	Decomposition products may include the following
	Buffer	materials:
		carbon dioxide
		carbon monoxide
		nitrogen oxides
		halogenated compounds
		metal oxide/oxides
	SureSelect RNase Block	Decomposition products may include the following
		materials:
		carbon dioxide
		carbon monoxide
	SureSelect Post-Capture Primer	No specific data.
	Mix	
	SSEL Low Input Index Primer,	No specific data.
	Plate 2, ILM	•
	SSel XT HS and XT Low Input	Decomposition products may include the following
	Cancer All-In-One Lung, 96	materials:
		materials.
	Reactions	
		carbon dioxide
		carbon monoxide
5.2 Advice for firefighters		
5.3 Advice for firefighters		
Special protective actions	: End Repair-A Tailing Enzyme Mix	Promptly isolate the scene by removing all persons
for fire-fighters		from the vicinity of the incident if there is a fire. No
-		action shall be taken involving any personal risk or
		without suitable training.
	End Repair-A Tailing 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.

T4 DNA Ligase	Promptly isolate the scene by removing all persons
TH DIAA LIGUSC	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
Ligation Buffer	Promptly isolate the scene by removing all persons
C C	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
Adaptor Oligo Mix	Promptly isolate the scene by removing all persons
	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
Forward Primer	without suitable training.
Forward 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.
100 mM dNTP Mix (25 mM each	Promptly isolate the scene by removing all persons
dNTP)	from the vicinity of the incident if there is a fire. No
/	action shall be taken involving any personal risk or
	without suitable training.
Herculase II Fusion DNA	Promptly isolate the scene by removing all persons
Polymerase	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 Herculase II Reaction 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
SureSelect Binding Buffer	without suitable training. Promptly isolate the scene by removing all persons
SureSelect binding buller	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
SureSelect VT US and VT Low	without suitable training.
SureSelect XT HS and XT Low Input Blocker Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
SureSelect Fast Hybridization	Promptly isolate the scene by removing all persons
Buffer	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 Post-Capture Primer	Promptly isolate the scene by removing all persons
Mix	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or without suitable training
SSEL Low Input Index Primer,	without suitable training. Promptly isolate the scene by removing all persons
Plate 2, ILM	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
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	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: End Repair-A Tailing Enzyme Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive prossure mode
	End Repair-A Tailing Buffer	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
	T4 DNA Ligase	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	Ligation Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	Adaptor Oligo Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	Forward Primer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	100 mM dNTP Mix (25 mM each dNTP)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	Herculase II Fusion DNA Polymerase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	5X Herculase II Reaction Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
	SureSelect Binding Buffer	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
	SureSelect Wash Buffer 1	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
	SureSelect Wash Buffer 2	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
	SureSelect XT HS and XT Low Input Blocker Mix	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
	SureSelect Fast Hybridization Buffer	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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SureSelect RNase Block	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect Post-Capture Primer Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SSEL Low Input Index Primer, Plate 2, ILM	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

For non-emergency	: End Repair-A Tailing Enzyme Mix	No action shall be taken involving any personal
personnel		risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and
		unprotected personnel from entering. Do not
		touch or walk through spilled material. Avoid
		breathing vapor or mist. Provide adequate
		ventilation. Wear appropriate respirator when
		ventilation is inadequate. Put on appropriate
		personal protective equipment.
	End Repair-A Tailing Buffer	No action shall be taken involving any personal
		risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and
		unprotected personnel from entering. Do not
		touch or walk through spilled material. Put on
		appropriate personal protective equipment.
	T4 DNA Ligase	No action shall be taken involving any personal
		risk or without suitable training. Evacuate
		surrounding areas. Keep unnecessary and
		unprotected personnel from entering. Do not
		touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate
		ventilation. Wear appropriate respirator when
		ventilation is inadequate. Put on appropriate
		personal protective equipment.
	Ligation Buffer	No action shall be taken involving any personal
		risk or without suitable training. Evacuate
		surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not
		touch or walk through spilled material. Avoid
		breathing vapor or mist. Provide adequate
		ventilation. Wear appropriate respirator when
		ventilation is inadequate. Put on appropriate
		personal protective equipment.
	Adaptor Oligo Mix	No action shall be taken involving any personal
		risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and
		unprotected personnel from entering. Do not
		touch or walk through spilled material. Put on
		appropriate personal protective equipment.
	Forward Primer	No action shall be taken involving any personal

	risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on
100 mM dNTP Mix (25 mM each dNTP)	appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on
Herculase II Fusion DNA Polymerase	appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate
5X Herculase II Reaction Buffer	personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on
SureSelect Binding Buffer	appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on
SureSelect Wash Buffer 1	appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureSelect Wash Buffer 2	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureSelect XT HS and XT Low Input Blocker Mix	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureSelect Fast Hybridization Buffer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
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 spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate
	SureSelect Post-Capture Primer Mix	personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not
	SSEL Low Input Index Primer, Plate 2, ILM	touch or walk through spilled material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	touch or walk through spilled material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on
For emergency responders :	End Repair-A Tailing Enzyme Mix	appropriate personal protective equipment. If specialized clothing is required to deal with the
		spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	End Repair-A Tailing Buffer	If specialized clothing is required to deal with the spillage, take note of any information in Section 8
	T4 DNA Ligase	on suitable and unsuitable materials. See also the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8
	Ligation Buffer	on suitable and unsuitable materials. See also the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8
	Adaptor Oligo Mix	on suitable and unsuitable materials. See also the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8
	Forward Primer	on suitable and unsuitable materials. See also the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also
	100 mM dNTP Mix (25 mM each dNTP)	the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also
	Herculase II Fusion DNA Polymerase	the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also
	5X Herculase II Reaction Buffer	the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also
	SureSelect Binding Buffer	the information in "For non-emergency personnel". If specialized clothing is required to deal with the

	SureSelect Wash Buffer 1	<ul> <li>spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</li> <li>If specialized clothing is required to deal with the spillage, take note of any information in Section 8</li> </ul>
	SureSelect Wash Buffer 2	on suitable and unsuitable materials. See also the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also
	SureSelect XT HS and XT Low Input Blocker Mix	the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also
	SureSelect Fast Hybridization Buffer	the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also
	SureSelect RNase Block	the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureSelect Post-Capture Primer Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SSEL Low Input Index Primer, Plate 2, ILM	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	: End Repair-A Tailing Enzyme Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	End Repair-A Tailing Buffer	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	T4 DNA Ligase	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	Ligation Buffer	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	Adaptor Oligo Mix	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,

	waterways, soil or air).
Forward Primer	Avoid dispersal of spilled material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers,
	waterways, soil or air).
100 mM dNTP Mix (25 mM each	Avoid dispersal of spilled material and runoff and
dNTP)	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers,
	waterways, soil or air).
Herculase II Fusion DNA	Avoid dispersal of spilled material and runoff and
Polymerase	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers,
	waterways, soil or air).
5X Herculase II Reaction Buffer	Avoid dispersal of spilled material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers,
	waterways, soil or air).
SureSelect Binding Buffer	Avoid dispersal of spilled material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers,
	waterways, soil or air).
SureSelect Wash Buffer 1	Avoid dispersal of spilled material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers,
	waterways, soil or air).
SureSelect Wash Buffer 2	Avoid dispersal of spilled material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers,
	waterways, soil or air).
SureSelect XT HS and XT Low	Avoid dispersal of spilled material and runoff and
Input Blocker Mix	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers,
Sura Salast Fast Unbridization	waterways, soil or air).
SureSelect Fast Hybridization	Avoid dispersal of spilled material and runoff and
Buffer	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers,
SureSelect RNase Block	waterways, soil or air).
SureSelect Rivase block	Avoid dispersal of spilled material and runoff and
	contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has
	caused environmental pollution (sewers,
SuraSalact Post Contura Drimer	waterways, soil or air). Avoid dispersal of spilled material and runoff and
SureSelect Post-Capture Primer Mix	
IVIIX	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has caused environmental pollution (sewers,
	waterways, soil or air).
SSEL Low Input Index Primer,	Avoid dispersal of spilled material and runoff and
Plate 2, ILM	contact with soil, waterways, drains and sewers.
,,	Inform the relevant authorities if the product has
	caused environmental pollution (sewers,

	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
6.3 Methods and materials for o	containment and cleaning up	
Methods for cleaning up	End Repair-A Tailing Enzyme 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.
	End Repair-A Tailing 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.
	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
	Ligation Buffer	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
	Adaptor Oligo Mix	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
	Forward Primer	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.
	100 mM dNTP Mix (25 mM each dNTP)	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.
	Herculase II Fusion 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
	5X Herculase II Reaction Buffer	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

SureSelect Binding Buffer	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
SureSelect Wash Buffer 1	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
SureSelect Wash Buffer 2	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
SureSelect VT HS and VT Low	disposal contractor.
SureSelect XT HS and XT Low Input Blocker 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
SureSelect Fast Hybridization	disposal contractor. Stop leak if without risk. Move containers from spill
Buffer	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 Post-Capture Primer	Stop leak if without risk. Move containers from spill
Mix	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
SSEL Low Input Index Primer,	disposal contractor. Stop leak if without risk. Move containers from spill
Plate 2, ILM	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
SSel XT HS and XT Low Input	disposal contractor. Stop leak if without risk. Move containers from spill
Cancer All-In-One Lung, 96	area. Dilute with water and mop up if water-soluble.
Reactions	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.

### Section 7. Handling and storage

7.1 Precautions for safe ha	<u>ndling</u>	
Protective measures	: End Repair-A Tailing Enzyme Mix	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
	End Repair-A Tailing Buffer	Put on appropriate personal protective equipment (see Section 8).
	T4 DNA Ligase	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
	Ligation Buffer	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
	Adaptor Oligo Mix	Put on appropriate personal protective equipment
	Forward Primer	(see Section 8). Put on appropriate personal protective equipment (see Section 8).
	100 mM dNTP Mix (25 mM each dNTP)	Put on appropriate personal protective equipment (see Section 8).
	Herculase II Fusion DNA Polymerase	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
	5X Herculase II Reaction Buffer	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Binding Buffer	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Wash Buffer 1	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Wash Buffer 2	Put on appropriate personal protective equipment (see Section 8).
	SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer	Put on appropriate personal protective equipment (see Section 8). Put on appropriate personal protective equipment (see Section 8).
	SureSelect RNase Block	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers

#### Section 7. Handling and storage

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	100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase	before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and
	Forward Primer	processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face
	Adaptor Oligo Mix	processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and
	Ligation Buffer	processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and
	T4 DNA Ligase	processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and
occupational hyg	iene End Repair-A Tailing Buffer	in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and
Advice on genera	Reactions I : End Repair-A Tailing Enzyme Mix	Eating, drinking and smoking should be prohibited
	Plate 2, ILM SSel XT HS and XT Low Input Cancer All-In-One Lung, 96	(see Section 8). Put on appropriate personal protective equipment (see Section 8).
	Mix SSEL Low Input Index Primer,	(see Section 8). Put on appropriate personal protective equipment
	SureSelect Post-Capture Primer	retain product residue and can be hazardous. Do not reuse container. Put on appropriate personal protective equipment
		retain product residue and can be hazardous. Do

	processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
5X Herculase II Reaction Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect Binding Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect Wash Buffer 1	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect Wash Buffer 2	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect XT HS and XT Low Input Blocker Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect Fast Hybridization Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect RNase Block	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect Post-Capture Primer Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8

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	SSEL Low Input Ind Plate 2, ILM SSel XT HS and XT Cancer All-In-One L Reactions	<ul> <li>in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.</li> <li>Low Input</li> </ul>
7.2 Conditions for safe storage, including any incompatibilities	: End Repair-A Tailin	original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	End Repair-A Tailin	g Buffer Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	T4 DNA Ligase	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	Ligation Buffer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

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Adaptor Oligo Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
Forward Primer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for
100 mM dNTP Mix (25 mM each dNTP)	incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
Herculase II Fusion DNA Polymerase	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
5X Herculase II Reaction Buffer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect Binding 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

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

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	SureSelect Post-Capture Primer Mix	incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	SSEL Low Input Index Primer, Plate 2, ILM	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
7.3 Specific end use(s)		
Recommendations	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP)	Industrial applications, Professional applications. Industrial applications, Professional applications.
	Herculase II Fusion DNA	Industrial applications, Professional applications.
	Polymerase 5X Herculase II Reaction Buffer	Industrial applications, Professional applications.
	SureSelect Binding Buffer	Industrial applications, Professional applications.
	SureSelect Wash Buffer 1	Industrial applications, Professional applications.
	SureSelect Wash Buffer 2 SureSelect XT HS and XT Low	Industrial applications, Professional applications. Industrial applications, Professional applications.
	Input Blocker Mix	
	SureSelect Fast Hybridization Buffer	Industrial applications, Professional applications.
	SureSelect RNase Block	Industrial applications, Professional applications. Industrial applications, Professional applications.
	SureSelect Post-Capture Primer Mix	maasinai applications, Froiessionai applications.
	SSEL Low Input Index Primer,	Industrial applications, Professional applications.

	Plate 2, ILM SSel XT HS and XT Low Input Cancer All-In-One Lung, 96	Industrial applications, Professional applications.
Industrial sector specific	: End Repair-A Tailing Enzyme Mix	Not available.
solutions	End Repair-A Tailing Buffer	Not available.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT Low Input Blocker Mix	Not available.
	SureSelect Fast Hybridization Buffer	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Post-Capture Primer Mix	Not available.
	SSEL Low Input Index Primer, Plate 2, ILM	Not available.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not available.
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# Section 8. Exposure controls/personal protection

#### **8.1 Control parameters**

**Occupational exposure limits** 

Ingredient name	Exposure limits
End Repair-A Tailing Enzyme Mix	
Glycerol	OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Total dust OSHA PEL (United States, 5/2018). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust
End Repair-A Tailing Buffer Potassium chloride	None.
T4 DNA Ligase	
Glycerol	OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Total dust OSHA PEL (United States, 5/2018). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust
Date of issue : 04/19/2022	42/79

### Section 8. Exposure controls/personal protection

Ligation Buffer	
Polyethylene glycol	OARS WEEL (United States, 1/2021).
	TWA: 10 mg/m <sup>3</sup> 8 hours.
Glycerol	OSHA PEL 1989 (United States, 3/1989).
	TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable
	fraction
	TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Total dust
	OSHA PEL (United States, 5/2018).
	TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable
	fraction
	TWA: 15 mg/m³ 8 hours. Form: Total dust
	3
Herculase II Fusion DNA Polymerase	
Glycerol	OSHA PEL 1989 (United States, 3/1989).
Giycerol	
	TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable
	fraction
	TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Total dust
	OSHA PEL (United States, 5/2018).
	TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable
	fraction
	TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust
5X Herculase II Reaction Buffer	
Trometamol	None.
Ammonium sulphate	None.
Hexadecan-1-ol, ethoxylated	None.
SureSelect Binding Buffer	
Sodium chloride	None.
SureSelect Wash Buffer 1	
Sodium dodecyl sulphate	None.
SureSelect Wash Buffer 2	
Sodium dodecyl sulphate	None.
SureSelect RNase Block	
Glycerol	OSHA PEL 1989 (United States, 3/1989).
	TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable
	fraction
	TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Total dust
	OSHA PEL (United States, 5/2018).
	TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable
	fraction
	TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust
SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	
Glycerol	OSHA PEL 1989 (United States, 3/1989).
	TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable
	fraction
	TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Total dust
	OSHA PEL (United States, 5/2018).
	T/M/A: 5 mg/m <sup>3</sup> 8 hours Form: Respirable
	TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable
	TWA: 5 mg/m³ 8 hours. Form: Respirable fraction TWA: 15 mg/m³ 8 hours. Form: Total dust

#### 8.2 Exposure controls

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### Section 8. Exposure controls/personal protection

ood general ventilation should be sufficient to control worker exposure to airborne ontaminants. missions from ventilation or work process equipment should be checked to ensure
missions from ventilation or work process equipment should be checked to ensure
ey comply with the requirements of environmental protection legislation. In some ases, fume scrubbers, filters or engineering modifications to the process equipment Il be necessary to reduce emissions to acceptable levels.
ash hands, forearms and face thoroughly after handling chemical products, before ating, smoking and using the lavatory and at the end of the working period. opropriate techniques should be used to remove potentially contaminated clothing. ash contaminated clothing before reusing. Ensure that eyewash stations and safety nowers are close to the workstation location.
afety eyewear complying with an approved standard should be used when a risk seessment indicates this is necessary to avoid exposure to liquid splashes, mists, ases or dusts. If contact is possible, the following protection should be worn, unless e assessment indicates a higher degree of protection: chemical splash goggles.
hemical-resistant, impervious gloves complying with an approved standard should be orn at all times when handling chemical products if a risk assessment indicates this is accessary. Considering the parameters specified by the glove manufacturer, check uring use that the gloves are still retaining their protective properties. It should be oted that the time to breakthrough for any glove material may be different for different ove manufacturers. In the case of mixtures, consisting of several substances, the otection time of the gloves cannot be accurately estimated.
ersonal protective equipment for the body should be selected based on the task being erformed and the risks involved and should be approved by a specialist before andling this product.
opropriate footwear and any additional skin protection measures should be selected ased on the task being performed and the risks involved and should be approved by a becialist before handling this product.
ased on the hazard and potential for exposure, select a respirator that meets the opropriate standard or certification. Respirators must be used according to a spiratory protection program to ensure proper fitting, training, and other important spects of use.

### Section 9. Physical and chemical properties and safety characteristics

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

#### **Appearance**

Physical state	End Repair-A Tailing Enzyme End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM ea dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buff	Liquid. Liquid. Liquid. Liquid. Liquid. ach Liquid. Liquid.
	SureSelect Binding Buffer SureSelect Wash Buffer 1	Liquid. Liquid.
	SureSelect Wash Buffer 2 SureSelect XT HS and XT Lo Input Blocker Mix	Liquid. w Liquid.

Occurr 5.1 Hysical	and chemical propert	les and san
	SureSelect Fast Hybridization Buffer	Liquid.
	SureSelect RNase Block SureSelect Post-Capture Primer Mix	Liquid. Liquid.
	SSEL Low Input Index Primer, Plate 2, ILM	Liquid.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Liquid.
Color :	End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing Buffer	Not available.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT Low Input Blocker Mix	Not available.
	SureSelect Fast Hybridization	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Post-Capture Primer Mix	Not available.
	SSEL Low Input Index Primer, Plate 2, ILM	Not available.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96	Not available.
	Reactions	
Odor :	End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing Buffer	Not available.
	T4 DNA Ligase	Not available.
	Ligation Buffer Adaptor Oligo Mix	Not available.
	Forward Primer	Not available. Not available.
	100 mM dNTP Mix (25 mM each	Not available.
	dNTP)	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT Low Input Blocker Mix	Not available.
	SureSelect Fast Hybridization	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Post-Capture Primer	Not available.
	Mix	
	SSEL Low Input Index Primer, Plate 2, ILM	Not available.
	SSel XT HS and XT Low Input	Not available.

	Cancer All-In-One Lung, 96	
	Reactions	
Odor threshold :	End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing Buffer	Not available.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT Low	Not available.
	Input Blocker Mix	
	SureSelect Fast Hybridization Buffer	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Post-Capture Primer Mix	Not available.
	SSEL Low Input Index Primer, Plate 2, ILM	Not available.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not available.
pH :	End Repair-A Tailing Enzyme Mix	6.5
	End Repair-A Tailing Buffer	8
	T4 DNA Ligase	7.5
	Ligation Buffer	8
	Adaptor Oligo Mix	7.5
	Forward Primer	7.5
	100 mM dNTP Mix (25 mM each	7.5
	dNTP)	
	Herculase II Fusion DNA Polymerase	8.2
	5X Herculase II Reaction Buffer	9.5 to 10.5
	SureSelect Binding Buffer	7.5
	SureSelect Wash Buffer 1	7.5
	SureSelect Wash Buffer 2	7
	SureSelect XT HS and XT Low Input Blocker Mix	7.5
	SureSelect Fast Hybridization Buffer	Not available.
	SureSelect RNase Block	7.6
	SureSelect Post-Capture Primer	7.5
	Mix	
	SSEL Low Input Index Primer, Plate 2, ILM	7.5
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not available.

Melting point/freezing point		End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect RNase Block SureSelect RNase Block SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 2, ILM SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Sinding Buffer SureSelect Binding Buffer SureSelect Binding Buffer SureSelect RNase Block SureSelect RNase Block SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 2, ILM SureSelect RNase Block SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 2, ILM SSel XT HS and XT Low Input Cancer All-In-One Lung, 96	Not available. $0^{\circ}C (32^{\circ}F)$ Not available. $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ Not available. Not available. Not available. Not available. $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (212^{\circ}F)$ Not available. $100^{\circ}C (212^{\circ}F)$ Not available. Not available
		Reactions	
The share have been	_		

**Flash point** 

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	Closed cup		ıp		cup	
Ingredient name	°C	°F	Method	°C	°F	Method
End Repair-A Tailing Enzyme Mix						
(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230				
Glycerol				177	350.6	
End Repair-A Tailing Buffer						
(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230				
T4 DNA Ligase						
(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230				
Glycerol				177	350.6	
Ligation Buffer						
(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230				
Polyethylene glycol	171 to 235	339.8 to 455		199 to 238	390.2 to 460.4	
Adaptor Oligo Mix						
Edetic acid	>100	>212	DIN 51758			
Forward Primer						
Edetic acid	>100	>212	DIN 51758			
100 mM dNTP Mix (25 mM each dNTP)						
Edetic acid	>100	>212	DIN 51758			
Herculase II Fusion DNA Polymerase						
Edetic acid	>100	>212	DIN 51758			
(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230				
SureSelect Binding Buffer						
Edetic acid	>100	>212	DIN 51758			
SureSelect Wash Buffer 1						
Citric acid, trisodium salt, dihydrate	>100	>212				

ysical and chemical	prope	erti	es a	and	sate	ty ch	aracte	ristics	
SureSelect Wash Buffer 2									
Citric acid, trisodium salt, dihydrate	>100	>212							
SureSelect XT HS and XT Low Input Blocker Mix									
Edetic acid	>100	>212		DIN 517	58				
SureSelect RNase Block									
(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230							
Glycerol						177	350.6		
SureSelect Post- Capture Primer Mix									
Edetic acid	>100	>212		DIN 517	58				
SSEL Low Input Index Primer, Plate 2, ILM									
Edetic acid	>100	>212		DIN 517	58				
SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions									
Edetic acid	>100	>212		DIN 517	58				
(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230							
: End Repair-A Tailing End Repair-A Tailing				vailable vailable					
T4 DNA Ligase	Duilei			vailable					
Ligation Buffer				vailable					
Adaptor Oligo Mix Forward Primer				vailable vailable					
100 mM dNTP Mix (2 dNTP)	5 mM eac			vailable					
Herculase II Fusion D Polymerase	NA	I	Not a	vailable	Э.				
5X Herculase II Reac		r I	Not a	vailable	e.				
SureSelect Binding B				vailable					
SureSelect Wash But SureSelect Wash But				vailable vailable					
SureSelect Wash Bu SureSelect XT HS an Input Blocker Mix				vailable					
SureSelect Fast Hybr Buffer	idization	I	Not a	vailable	Ð.				
SureSelect RNase Bl				vailable					
SureSelect Post-Capt Mix				vailable					
SSEL Low Input Inde: Plate 2, ILM				vailable					
SSel XT HS and XT L	ow Input	I	Not a	vailable	Э.				

**Evaporation rate** 

	Cancer All-In-One Lung, 96 Reactions	
Flammability :	End Repair-A Tailing Enzyme Mix	Not applicable.
	End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	Not applicable.
	Ligation Buffer	Not applicable.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer 100 mM dNTP Mix (25 mM each	Not applicable. Not applicable.
	dNTP)	
	Herculase II Fusion DNA Polymerase	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT Low Input Blocker Mix	Not applicable.
	SureSelect Fast Hybridization Buffer	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Post-Capture Primer Mix	Not applicable.
	SSEL Low Input Index Primer, Plate 2, ILM	Not applicable.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not applicable.
Lower and upper explosion :	End Repair-A Tailing Enzyme Mix	Not available.
limit/flammability limit	End Repair-A Tailing Buffer	Not available.
-	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT Low Input Blocker Mix	Not available.
	SureSelect Fast Hybridization Buffer	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Post-Capture Primer Mix	Not available.
	SSEL Low Input Index Primer, Plate 2, ILM	Not available.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not available.
Vapor pressure :		

and chemical properties and safety characteristics							
	Vapor Pressure at 20°C			Vapor pressure at 50°C			
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method	
End Repair-A Tailing Enzyme Mix							
water	23.8	3.2		92.258	12.3		
Adenosine 5'- (tetrahydrogen triphosphate), disodium salt	<0.00075006	<0.0001		<0.00075006	<0.0001		
End Repair-A Tailing Buffer							
water	23.8	3.2		92.258	12.3		
Adenosine 5'- (tetrahydrogen triphosphate), disodium salt	<0.00075006	<0.0001		<0.00075006	<0.0001		
T4 DNA Ligase							
water	23.8	3.2		92.258	12.3		
Glycerol	0.000075	0.00001		0.0025	0.00033		
Ligation Buffer							
water	23.8	3.2		92.258	12.3		
Glycerol	0.000075	0.00001		0.0025	0.00033		
Adaptor Oligo Mix							
water	23.8	3.2		92.258	12.3		
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001		
Forward Primer							
water	23.8	3.2		92.258	12.3		
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001		
100 mM dNTP Mix (25 mM each dNTP)							
water	23.8	3.2		92.258	12.3		
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001		
Herculase II Fusion DNA Polymerase							
water	23.8	3.2		92.258	12.3		
Glycerol	0.000075	0.00001		0.0025	0.00033		
5X Herculase II							

5	ind chemical	prope	erties	and sate	ety cha	aracte	ristics
	Reaction Buffer						
	water	23.8	3.2		92.258	12.3	
	Sulfuric acid, magnesium salt, hydrate (1:1:7)	<0.1	<0.013				
	SureSelect Binding Buffer						
	water	23.8	3.2		92.258	12.3	
	2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
	SureSelect Wash Buffer 1						
	water	23.8	3.2		92.258	12.3	
	Sodium dodecyl sulphate	≤0.0013501	≤0.00018				
	SureSelect Wash Buffer 2						
	water	23.8	3.2		92.258	12.3	
	Sodium dodecyl sulphate	≤0.0013501	≤0.00018				
	SureSelect XT HS and XT Low Input Blocker Mix						
	water	23.8	3.2		92.258	12.3	
	2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
	SureSelect Fast Hybridization Buffer						
	water	23.8	3.2		92.258	12.3	
	2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
	SureSelect RNase Block						
	water	23.8	3.2		92.258	12.3	
	Glycerol	0.000075	0.00001		0.0025	0.00033	
	SureSelect Post- Capture Primer Mix						
	water	23.8	3.2		92.258	12.3	
	2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
	SSEL Low Input Index Primer, Plate 2, ILM						
	water	23.8	3.2		92.258	12.3	
	2-Amino-2-	0.000027	0.0000036		0.000007501	0.000001	
			1	<u> </u>			ļ

SureSelect XT Low Input Reagent kit, index 97-192 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9708R

Section 9. Physica	al and chemical	propert	ies and saf	fety ch	naracteristics
	(hydroxymethyl)propane- 1,3-diol hydrochloride				
	.,e ale, a comorae				
	SSel XT HS and XT Low				
	Input Cancer All-In-One Lung, 96 Reactions				
	water	23.8 3.2		92.258	12.3
	Glycerol	0.000075 0.0	0001	0.0025	0.00033
Relative vapor density	: End Repair-A Tailing I		Not available.		
	End Repair-A Tailing I	Buffer	Not available.		
	T4 DNA Ligase Ligation Buffer		Not available. Not available.		
	Adaptor Oligo Mix		Not available.		
	Forward Primer		Not available.		
	100 mM dNTP Mix (25 dNTP)	5 mM each	Not available.		
	Herculase II Fusion D Polymerase	NA	Not available.		
	5X Herculase II React	tion Buffer	Not available.		
	SureSelect Binding Bu		Not available.		
	SureSelect Wash Buff		Not available.		
	SureSelect Wash Buff SureSelect XT HS and		Not available. Not available.		
	Input Blocker Mix		NOL AVAIIADIE.		
	SureSelect Fast Hybri Buffer	dization	Not available.		
	SureSelect RNase Blo	ock	Not available.		
	SureSelect Post-Capt Mix	ure Primer	Not available.		
	SSEL Low Input Index Plate 2, ILM	k Primer,	Not available.		
	SSel XT HS and XT L Cancer All-In-One Lur		Not available.		
	Reactions				
Relative density	: End Repair-A Tailing I		Not available.		
	End Repair-A Tailing I	Buffer	Not available.		
	T4 DNA Ligase Ligation Buffer		Not available. Not available.		
	Adaptor Oligo Mix		Not available.		
	Forward Primer		Not available.		
	100 mM dNTP Mix (28 dNTP)	5 mM each	Not available.		
	Herculase II Fusion D Polymerase	NA	Not available.		
	5X Herculase II React	tion Buffer	Not available.		
	SureSelect Binding Bu		Not available.		
	SureSelect Wash Buff		Not available.		
	SureSelect Wash Buf		Not available.		
	SureSelect XT HS and Input Blocker Mix		Not available.		
	SureSelect Fast Hybri Buffer	dization	Not available.		
	SureSelect RNase Blo	ock	Not available.		
	SureSelect Post-Capt Mix		Not available.		
	SSEL Low Input Index Plate 2, ILM	k Primer,	Not available.		
	SSel XT HS and XT L Cancer All-In-One Lur		Not available.		
		<u> </u>			

Solubility       : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer       Easily soluble in the following materials: cold water and hot water.         T4 DNA Ligase       Easily soluble in the following materials: cold water and hot water.         T4 DNA Ligase       Easily soluble in the following materials: cold water and hot water.         Adaptor Oligo Mix       Easily soluble in the following materials: cold water and hot water.         Adaptor Oligo Mix       Easily soluble in the following materials: cold water and hot water.         100 mM dNTP Mix (25 mM each dNTP)       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 Rinding Buffer       Easily soluble in the following materials: cold water and hot water.         SureSelect Rast Hybridization buffer       Easily soluble in the following materials: cold water and hot water.         SureSelect Rast Phydridization buffer       Easily soluble in the following materials: cold water and hot water.         SureSelect Rast Phydridization buffer       Easily soluble in the following materials: cold water and hot water.         SureSelect Rast Phydridization buffer       Easily soluble in the following materials: cold water and hot water.         SureSelect Past Hybridization buffer       Easily soluble		Reactions	, , , , , , , , , , , , , , , , , , ,
Partition coefficient: n- octanol/water       End Repair-A Tailing Buffer       Easily soluble in the following materials: cold water and hot water.         T4 DNA Ligase       Easily soluble in the following materials: cold water and hot water.         Ligation Buffer       Easily soluble in the following materials: cold water and hot water.         Adaptor Oligo Mix       Easily soluble in the following materials: cold water and hot water.         100 mM dNTP Mix (25 mM each dNTP)       Easily soluble in the following materials: cold water and hot water.         140 mM dNTP Mix (25 mM each dNTP)       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 THS and XT Low hput Blocker Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect RNase Block       SureSelect Fast Hybridization Buffer       Easily soluble in the following materials: cold water and hot water.         Sel XT HS and XT Low hput Blocker Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect RNase Block       Sel XT HS and XT Low hput Blocker Mix       Not applicable.         SureSelect Rase Hybridization Buffer       Not applicable.       Not applicable.         SureSelect RNase Block <td< th=""><th>O a bala 1964</th><th></th><th>E a lla a della de de Caller de marchadal e a della de m</th></td<>	O a bala 1964		E a lla a della de de Caller de marchadal e a della de m
End Repair-A Tailing Buffer       Easily solubie in the following materials: cold water and hot water.         T4 DNA Ligase       Easily solubie in the following materials: cold water and hot water.         Ligation Buffer       Easily solubie in the following materials: cold water and hot water.         Adaptor Oligo Mix       Easily solubie in the following materials: cold water and hot water.         700 mM dNTP Mix (25 mM each dNTP)       Easily solubie in the following materials: cold water and hot water.         100 mM dNTP Mix (25 mM each dNTP)       Easily solubie in the following materials: cold water and hot water.         SureSelect Binding Buffer       Easily solubie in the following materials: cold water and hot water.         SureSelect Wash Buffer 1       Easily solubie in the following materials: cold water and hot water.         SureSelect Wash Buffer 2       Easily solubie in the following materials: cold water and hot water.         SureSelect Past Hybridization Buffer       Easily solubie in the following materials: cold water and hot water.         SureSelect Past Hybridization Buffer       Easily solubie in the following materials: cold water and hot water.         SureSelect Past Hybridization Buffer       Easily solubie in the following materials: cold water and hot water.         SureSelect Past Alphyldization Buffer       Easily solubie in the following materials: cold water and hot water.         SureSelect Past Alphyldization Mix       Not applicable.         Hartition co	Solubility	End Repair-A Tailing Enzyme Mix	
and hot water.       and hot water.         T4 DNA Ligase       Easily soluble in the following materials: cold water and hot water.         Ligation Buffer       Easily soluble in the following materials: cold water and hot water.         Adaptor Oligo Mix       Easily soluble in the following materials: cold water and hot water.         100 mM dNTP Mix (25 mM each dNTP)       Herculase II Fusion DNA         Herculase II Fusion DNA       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.         SureSelect TAT HS and XT Low input Blocker Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect Fast Hybridization Eufer       Easily soluble in the following materials: cold water and hot water.         SureSelect Fast Hybridization Eufer       Easily soluble in the following materials: cold water and hot water.         SureSelect Fast Hybridization Eufer       Easily soluble in the following materials: cold water and hot water.         SureSelect Fast Hybridization Eufer       Easily soluble in the following materials: cold water and hot water.         SureSelect Mash Buffer 1       Soluble in the following materials		End Donoir A Tailing Buffor	
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100 mM dNTP Mix (25 mM each dNTP)       and fot water.         Herculase II Fusion DNA Polymerase       Easily soluble in the following materials: cold water and hot water.         SX Herculase II Reaction Buffer       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.         SureSelect TA HS and XT Low Input Bocker Mix SureSelect Post-Capture Primer Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect Post-Capture Primer Mix       SureSelect Post-Capture Primer Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect Post-Capture Primer Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect Post-Capture Primer Mix       Easily soluble in the following materials: cold water and hot water.         Seat XT HS and XT Low Input Cancer Al-In-One Lung, 96 Reactions       Not applicable.         Partition coefficient: n- octanol/water       Easily soluble in the following materials: cold water and hot water.         Easily soluble in the following materials: cold water and hot water.       Easily soluble in the following materials: cold water and hot water.         Eas		1 0	
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Partition coefficient: n-octanol/water       End Repair-A Tailing Buffer       and hot water.         Partition coefficient: n-octanol/water       End Repair-A Tailing Buffer       and hot water.         Partition coefficient: n-octanol/water       End Repair-A Tailing Buffer       Easily soluble in the following materials: cold water and hot water.         Partition coefficient: n-octanol/water       SureSelect Wash Buffer 1       Easily soluble in the following materials: cold water and hot water.         Buffer       SureSelect Wash Buffer 2       Easily soluble in the following materials: cold water and hot water.         SureSelect THS and XT Low Input Bioker Mix       SureSelect Post-Capture Primer       Easily soluble in the following materials: cold water and hot water.         SureSelect Post-Capture Primer       SSel XT HS and XT Low Input Index Primer, Plate 2, ILM       Easily soluble in the following materials: cold water and hot water.         SureSelect Post-Capture Primer       Easily soluble in the following materials: cold water and hot water.       Easily soluble in the following materials: cold water and hot water.         SureSelect Post-Capture Primer       SSel XT HS and XT Low Input       Easily soluble in the following materials: cold water and hot water.         SureSelect Post-Capture Primer       Not applicable.       Not applicable.         Vittor Oligo Mix       Not applicable.       Not applicable.         Not applicable.       Not applicable.       Not appl			
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Polymerase       and hot water.         SX Herculase II Reaction 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.         SureSelect Wash Buffer 2       Easily soluble in the following materials: cold water and hot water.         SureSelect TX HS and XT Low Input Biocker Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect Post-Capture Primer, Nix       SureSelect Post-Capture Primer, SSEL Low Input Index Primer, Plate 2, ILM       Easily soluble in the following materials: cold water and hot water.         SSEL Low Input Index Primer, Plate 2, LLM       Easily soluble in the following materials: cold water and hot water.         SSEL Low Input Index Primer, Plate 2, LLM       Easily soluble in the following materials: cold water and hot water.         SSEL Low Input Index Primer, Plate 2, LLM       Easily soluble in the following materials: cold water and hot water.         Seasily soluble in the following materials: cold water and hot water.       Easily soluble in the following materials: cold water and hot water.         Seasily soluble in the following materials: cold water and hot water.       Easily soluble in the following materials: cold water and hot water.         Seasily soluble in the following materials: cold water and hot water.       Easily solubl		,	
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Partition coefficient: n- octanol/water       :       End Repair-A Tailing Enzyme Mix Signification Buffer       Not applicable.         Partition coefficient: n- octanol/water       :       End Repair-A Tailing Enzyme Mix Adaptor Oligo Mix       Not applicable.         Partition coefficient: n- octanol/water       :       End Repair-A Tailing Buffer T4 DNA Ligase       Not applicable.         Not applicable.       Not applicable.       Not applicable.         Igation Buffer Adaptor Oligo Mix       Not applicable.       Not applicable.         100 mM dNTP Mix (25 mM each dNTP)       Not applicable.       Not applicable.         SureSelect Wash Buffer SureSelect Wash Buffer 1       Not applicable.       Not applicable.         SureSelect Fast Hybridization Buffer       Not applicable.       Not applicable.         SureSelect Fast Hybridization Buffer       Not applicable.       Not applicable.         Not applicable.       Not applicable.       Not applicable.         Not applicable.       Not applicable.       Not applicable.         Not applicable.       Not applicable.       Not applicable.         SureSelect Wash Buffer 1       Not applicable.       Not applicable.         SureSelect Tast Hybridization Buffer       Not applicable.       Not applicable.         Not applicable.       Not applicable.       Not applicable.     <			
SureSelect Post-Capture Primer MixEasily soluble in the following materials: cold water and hot water.SSEL Low Input Index Primer, Plate 2, ILMEasily soluble in the following materials: cold water and hot water.Partition coefficient: n- octanol/waterEnd Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation BufferNot applicable. Not applicable.Partition coefficient: n- octanol/waterEnd Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Not applicable.Not applicable. Not applicable.Partition coefficient: n- octanol/waterEnd Repair-A Tailing Enzyme Mix Not applicable.Not applicable. Not applicable.Partition coefficient: n- octanol/waterEnd Repair-A Tailing Enzyme Mix Not applicable.Not applicable. Not applicable.Partition coefficient: n- octanol/waterEnd Repair-A Tailing Enzyme Mix Not applicable.Not applicable. Not applicable.Partition coefficient: n- octanol/waterEnd Repair-A Tailing Buffer Not applicable.Not applicable. Not applicable.Partition coefficient: n- octanol/waterEnd Repair-A Tailing Buffer Not applicable.Not applicable. Not applicable.Partition coefficient: n- octanol/waterSizeSelect Wash Buffer 1 Not applicable.Not applicable. Not applicable.SureSelect XT HS and XT Low Input Blocker Mix SureSelect Post-Capture Primer MixNot applicable. Not applicable.		SureSelect RNase Block	
SSEL Low Input Index Primer, Plate 2, ILMEasily soluble in the following materials: cold water and hot water.SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 ReactionsEasily soluble in the following materials: cold water and hot water.Partition coefficient: n- octanol/water: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T 4 DNA Ligase Ligation BufferNot applicable. Not applicable.Ication Buffer To 00 mM dNTP Mix (25 mM each NOT applicable.Not applicable. Not applicable.100 mM dNTP Mix (25 mM each OV MM dNTP Mix (25 mM each SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 Not applicable.Not applicable. Not applicable.SureSelect Wash Buffer 2 SureSelect T HS and XT Low Input Blocker Mix SureSelect RNase Block SureSelect RNase BlockNot applicable. Not applicable.SureSelect RNase Block SureSelect RNase Block SureSelect Post-Capture Primer MixNot applicable.		•	Easily soluble in the following materials: cold water
Plate 2, ILMand hot water.SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactionsand hot water.Partition coefficient: n- octanol/water: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation BufferNot applicable. Not applicable. 			
Sel XT HS and XT Low Input Cancer All-In-One Lung, 96 ReactionsEasily soluble in the following materials: cold water and hot water.Partition coefficient: n- octanol/water: End Repair-A Tailing Enzyme Mix End Repair-A Tailing BufferNot applicable. Not applicable. SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Not applicable. SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post-Capture Primer Not applicable. Not applicable. 		•	
Cancer All-In-One Lung, 96 Reactions       and hot water.         Partition coefficient: n- octanol/water       End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer       Not applicable.         14 DNA Ligase       Not applicable.       Not applicable.         Ligation Buffer       Not applicable.         Adaptor Oligo Mix       Not applicable.         Adaptor Oligo Mix       Not applicable.         More and NOT Primer       Not applicable.         100 mM dNTP Mix (25 mM each dNTP)       Not applicable.         Herculase II Fusion DNA       Not applicable.         Polymerase       SureSelect Binding Buffer       Not applicable.         SureSelect Binding Buffer       Not applicable.       SureSelect Wash Buffer 1       Not applicable.         SureSelect Wash Buffer 1       Not applicable.       SureSelect XT HS and XT Low       Not applicable.         SureSelect RNase Block       Not applicable.       SureSelect RNase Block       Not applicable.         Mix       SureSelect RNase Block       Not applicable.       Not applicable.			
Partition coefficient: n- octanol/water       : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer       Not applicable.         Yet and the pair of t		•	•
octanol/waterEnd Repair-A Tailing BufferNot applicable.T4 DNA LigaseNot applicable.Ligation BufferNot applicable.Adaptor Oligo MixNot applicable.Forward PrimerNot applicable.100 mM dNTP Mix (25 mM eachNot applicable.dNTP)Herculase II Fusion DNANot applicable.Polymerase5X Herculase II Reaction BufferNot applicable.SureSelect Binding BufferNot applicable.SureSelect Wash Buffer 1Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect Tast HybridizationNot applicable.BufferSureSelect RNase BlockNot applicable.SureSelect Post-Capture PrimerNot applicable.MixSureSelect Post-Capture PrimerNot applicable.			
T4 DNA LigaseNot applicable.Ligation BufferNot applicable.Adaptor Oligo MixNot applicable.Adaptor Oligo MixNot applicable.Forward PrimerNot applicable.100 mM dNTP Mix (25 mM each dNTP)Not applicable.Herculase II Fusion DNANot applicable.PolymeraseSureSelect Binding BufferNot applicable.SureSelect Wash Buffer 1Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect THS and XT LowNot applicable.Input Blocker MixSureSelect Rast HybridizationSureSelect RNase BlockNot applicable.BufferSureSelect Post-Capture PrimerNot applicable.MixSureSelect Post-Capture PrimerNot applicable.	Partition coefficient: n- :	End Repair-A Tailing Enzyme Mix	Not applicable.
Ligation Buffer Not applicable. Adaptor Oligo Mix Not applicable. Forward Primer Not applicable. 100 mM dNTP Mix (25 mM each Not applicable. dNTP) Herculase II Fusion DNA Not applicable. Polymerase 5X Herculase II Reaction Buffer Not applicable. SureSelect Binding Buffer Not applicable. SureSelect Wash Buffer 1 Not applicable. SureSelect Wash Buffer 2 Not applicable. SureSelect Wash Buffer 2 Not applicable. SureSelect XT HS and XT Low Not applicable. Input Blocker Mix SureSelect RNase Block Not applicable. SureSelect Post-Capture Primer Not applicable. Mix			Not applicable.
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dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 Not applicable. SureSelect Wash Buffer 2 Not applicable. SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post-Capture Primer Mix			
Herculase II Fusion DNANot applicable.Polymerase5X Herculase II Reaction BufferNot applicable.SureSelect Binding BufferNot applicable.SureSelect Wash Buffer 1Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect XT HS and XT LowNot applicable.Input Blocker MixSureSelect Fast HybridizationBufferSureSelect RNase BlockNot applicable.SureSelect Post-Capture PrimerNot applicable.MixMix		•	Not applicable.
Polymerase5X Herculase II Reaction BufferNot applicable.SureSelect Binding BufferNot applicable.SureSelect Wash Buffer 1Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect XT HS and XT LowNot applicable.Input Blocker MixSureSelect Fast HybridizationBufferSureSelect RNase BlockNot applicable.SureSelect Post-Capture PrimerNot applicable.MixSureSelect PrimerNot applicable.		,	Not applicable
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SureSelect Wash Buffer 1Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect XT HS and XT LowNot applicable.Input Blocker MixSureSelect Fast HybridizationSureSelect Fast HybridizationNot applicable.BufferSureSelect RNase BlockNot applicable.SureSelect Post-Capture PrimerNot applicable.MixNot applicable.			Not applicable.
SureSelect Wash Buffer 2Not applicable.SureSelect XT HS and XT LowNot applicable.Input Blocker MixSureSelect Fast HybridizationSureSelect Fast HybridizationNot applicable.BufferSureSelect RNase BlockNot applicable.SureSelect Post-Capture PrimerNot applicable.MixMix			
SureSelect XT HS and XT LowNot applicable.Input Blocker MixInput Blocker MixSureSelect Fast HybridizationNot applicable.BufferSureSelect RNase BlockNot applicable.SureSelect Post-Capture PrimerNot applicable.MixMix		SureSelect Wash Buffer 1	
Input Blocker Mix SureSelect Fast Hybridization Not applicable. Buffer SureSelect RNase Block Not applicable. SureSelect Post-Capture Primer Not applicable. Mix			
SureSelect Fast Hybridization Not applicable. Buffer SureSelect RNase Block Not applicable. SureSelect Post-Capture Primer Not applicable. Mix			Not applicable.
Buffer SureSelect RNase Block Not applicable. SureSelect Post-Capture Primer Not applicable. Mix		•	Natappliapha
SureSelect RNase Block Not applicable. SureSelect Post-Capture Primer Not applicable. Mix			not applicable.
SureSelect Post-Capture Primer Not applicable. Mix			Not applicable
Mix			
		•	
		SSEL Low Input Index Primer,	Not applicable.

Plate 2, ILM SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions

Not applicable.

	Reactions			
Auto-ignition temperature :	Ingredient name	°C	°F	Method
	End Repair-A Tailing Enzyme Mix			
	Glycerol	370	698	
	T4 DNA Ligase			
	Glycerol	370	698	
	Ligation Buffer			
	Polyethylene glycol	360	680	
	Glycerol	370	698	
	Adaptor Oligo Mix			
	Edetic acid	>400	>752	VDI 2263
	Forward Primer			
	Edetic acid	>400	>752	VDI 2263
	100 mM dNTP Mix (25 mM each dNTP)			
	Edetic acid	>400	>752	VDI 2263
	Herculase II Fusion DNA Polymerase			
	Glycerol	370	698	
	Edetic acid	>400	>752	VDI 2263
	SureSelect Binding Buffer			
	Edetic acid	>400	>752	VDI 2263
	SureSelect Wash Buffer 1			
	Sodium dodecyl sulphate	310.5	590.9	VDI 2263
	SureSelect Wash Buffer 2			
	Sodium dodecyl sulphate	310.5	590.9	VDI 2263
	SureSelect XT HS and XT Low Input Blocker Mix			
	Edetic acid	>400	>752	VDI 2263
	SureSelect RNase Block			
	Glycerol	370	698	
	4-(2-Hydroxyethyl)piperazin- 1-ylethanesulphonic acid	>400	>752	EU A.16
	SureSelect Post-Capture Primer Mix			

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	Edetic acid	>400	>752	VDI 2263
	SSEL Low Input Index Primer, Plate 2, ILM			
	Edetic acid	>400	>752	VDI 2263
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions			
	Glycerol	370	698	
	4-(2-Hydroxyethyl)piperazin- 1-ylethanesulphonic acid	>400	>752	EU A.16
Decomposition temperature :	End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer	Not availat Not availat		1
	T4 DNA Ligase	Not availab		
	Ligation Buffer	Not availab		
	Adaptor Oligo Mix	Not availab	ole.	
	Forward Primer	Not availat		
	100 mM dNTP Mix (25 mM each dNTP)	Not availat	ole.	
	Herculase II Fusion DNA Polymerase	Not availab	ole.	
	5X Herculase II Reaction Buffer	Not availab	ole.	
	SureSelect Binding Buffer	Not availat		
	SureSelect Wash Buffer 1	Not availab		
	SureSelect Wash Buffer 2	Not availab		
	SureSelect XT HS and XT Low	Not availab	ole.	
	Input Blocker Mix SureSelect Fast Hybridization	Not availab	le	
	Buffer	Not availab		
	SureSelect RNase Block	Not availab	ole.	
	SureSelect Post-Capture Primer	Not availat	ole.	
	Mix SSEL Low Input Index Primer, Plate 2, ILM	Not availab	ole.	
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not availat	ole.	
Viscosity :	End Repair-A Tailing Enzyme Mix	Not availab	ble	
	End Repair-A Tailing Buffer	Not availab		
	T4 DNA Ligase	Not availab	ole.	
	Ligation Buffer	Not availab	ole.	
	Adaptor Oligo Mix	Not availat		
	Forward Primer	Not availab	ole.	
	100 mM dNTP Mix (25 mM each dNTP)	Not availab	ole.	
	100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA		ole.	
	100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase	Not availat Not availat	ole. ole.	
	100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer	Not availab	ole. ole. ole.	
	100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase	Not availat Not availat Not availat	ole. ole. ole.	
	100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2	Not availat Not availat Not availat Not availat Not availat Not availat	ole. ole. ole. ole. ole.	
	100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low	Not availat Not availat Not availat Not availat Not availat	ole. ole. ole. ole. ole.	
	100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix	Not availat Not availat Not availat Not availat Not availat Not availat	ole. ole. ole. ole. ole. ole.	
	100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer	Not availat Not availat Not availat Not availat Not availat Not availat Not availat	ole. ole. ole. ole. ole. ole.	
	100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block	Not availab Not availab Not availab Not availab Not availab Not availab Not availab	ole. ole. ole. ole. ole. ole. ole.	
	100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer	Not availat Not availat Not availat Not availat Not availat Not availat Not availat	ole. ole. ole. ole. ole. ole. ole.	

	SSEL Low Input Index Primer, Plate 2, ILM	Not available.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not available.
Particle characteristics		
Median particle size	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 2, ILM SSel XT HS and XT Low Input	Not applicable. Not applicable.
	Cancer All-In-One Lung, 96 Reactions	not applicable.

	5	
10.1 Reactivity	: End Repair-A Tailing Enzyme Mix	No specific test data related to reactivity available for this product or its ingredients.
	End Repair-A Tailing Buffer	No specific test data related to reactivity available
		for this product or its ingredients.
	T4 DNA Ligase	No specific test data related to reactivity available
		for this product or its ingredients.
	Ligation Buffer	No specific test data related to reactivity available
		for this product or its ingredients.
	Adaptor Oligo Mix	No specific test data related to reactivity available
		for this product or its ingredients.
	Forward Primer	No specific test data related to reactivity available
		for this product or its ingredients.
	100 mM dNTP Mix (25 mM each	No specific test data related to reactivity available
	dNTP)	for this product or its ingredients.
	Herculase II Fusion DNA	No specific test data related to reactivity available
	Polymerase	for this product or its ingredients.
	5X Herculase II Reaction Buffer	No specific test data related to reactivity available
		for this product or its ingredients.
	SureSelect Binding Buffer	No specific test data related to reactivity available
		for this product or its ingredients.
	SureSelect Wash Buffer 1	No specific test data related to reactivity available
	Sure Calact Weak Duffer 2	for this product or its ingredients.
	SureSelect Wash Buffer 2	No specific test data related to reactivity available
	SureSelect VT US and VT Law	for this product or its ingredients.
	SureSelect XT HS and XT Low	No specific test data related to reactivity available

Section 10. Stabi	ity and reactivity	
	Input Blocker Mix	for this product or its ingredients.
	SureSelect Fast Hybridization	No specific test data related to reactivity available
	Buffer	for this product or its ingredients.
	SureSelect RNase Block	No specific test data related to reactivity available
		for this product or its ingredients.
	SureSelect Post-Capture Primer	No specific test data related to reactivity available
	Mix	for this product or its ingredients.
	SSEL Low Input Index Primer,	No specific test data related to reactivity available
	Plate 2, ILM	for this product or its ingredients.
	SSel XT HS and XT Low Input	No specific test data related to reactivity available
	Cancer All-In-One Lung, 96	for this product or its ingredients.
	Reactions	
10.2 Chemical stability	: End Repair-A Tailing Enzyme Mix	The product is stable.
-	End Repair-A Tailing Buffer	The product is stable.
	T4 DNA Ligase	The product is stable.
	Ligation Buffer	The product is stable.
	Adaptor Oligo Mix	The product is stable.
	Forward Primer	The product is stable.
	100 mM dNTP Mix (25 mM each	The product is stable.
	dNTP)	•
	Herculase II Fusion DNA Polymerase	The product is stable.
	5X Herculase II Reaction Buffer	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.
	SureSelect XT HS and XT Low	The product is stable.
	Input Blocker Mix	
	SureSelect Fast Hybridization	The product is stable.
	Buffer	1
	SureSelect RNase Block	The product is stable.
	SureSelect Post-Capture Primer	The product is stable.
	Mix	•
	SSEL Low Input Index Primer,	The product is stable.
	Plate 2, ILM	•
	SSel XT HS and XT Low Input	The product is stable.
	Cancer All-In-One Lung, 96	·
	Reactions	
10.3 Possibility of	: End Repair-A Tailing Enzyme Mix	Under normal conditions of storage and use,
hazardous reactions	1 3 3	hazardous reactions will not occur.
	End Repair-A Tailing Buffer	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	TA DNA Lineas	Under normal conditions of storage and use,
	14 DNA LIQASE	
	T4 DNA Ligase	0
	-	hazardous reactions will not occur.
	Ligation Buffer	hazardous reactions will not occur. Under normal conditions of storage and use,
	Ligation Buffer	hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur.
	-	hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use,
	Ligation Buffer Adaptor Oligo Mix	hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur.
	Ligation Buffer	hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use,
	Ligation Buffer Adaptor Oligo Mix Forward Primer	hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur.
	Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each	hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use,
	Ligation Buffer Adaptor Oligo Mix Forward Primer	hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur.
	Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA	hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur.
	Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase	hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur.
	Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA	hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur.
	Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase	hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur.

	.,	
		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.
	SureSelect XT HS and XT Low	Under normal conditions of storage and use,
	Input Blocker Mix	hazardous reactions will not occur.
	SureSelect Fast Hybridization	Under normal conditions of storage and use,
	Buffer	hazardous reactions will not occur.
	SureSelect RNase Block	
	SuleSelect Rivase Diock	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect Post-Capture Primer	Under normal conditions of storage and use,
	Mix	hazardous reactions will not occur.
	SSEL Low Input Index Primer,	Under normal conditions of storage and use,
	Plate 2, ILM	hazardous reactions will not occur.
	SSel XT HS and XT Low Input	Under normal conditions of storage and use,
	Cancer All-In-One Lung, 96	hazardous reactions will not occur.
	Reactions	
10.4 Conditions to avoid	: End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each	No specific data.
	dNTP)	
	Herculase II Fusion DNA	No specific data.
	Polymerase	No openifie data
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low	No specific data.
	Input Blocker Mix	
	SureSelect Fast Hybridization	No specific data.
	Buffer SureSelect RNase Block	No specific data.
	SureSelect Post-Capture Primer	No specific data.
	Mix	No specific data.
	SSEL Low Input Index Primer,	No specific data.
	Plate 2, ILM	
		Ne enecifie dete
	SSel XT HS and XT Low Input	No specific data.
	Cancer All-In-One Lung, 96	
	Reactions	
10.5 Incompatible materials	: End Repair-A Tailing Enzyme Mix	May react or be incompatible with oxidizing
		materials.
	End Repair-A Tailing Buffer	May react or be incompatible with oxidizing
		materials.
	T4 DNA Ligase	May react or be incompatible with oxidizing
	<b>C</b>	materials.
	Ligation Buffer	May react or be incompatible with oxidizing
	5	materials.
	Adaptor Oligo Mix	May react or be incompatible with oxidizing
	Adaptor Oligo Mix	May react or be incompatible with oxidizing
	. 2	materials.
	Adaptor Oligo Mix Forward Primer	materials. May react or be incompatible with oxidizing
	Forward Primer	materials. May react or be incompatible with oxidizing materials.
	. 2	materials. May react or be incompatible with oxidizing

•	and redetivity	
	Herculase II Fusion DNA Polymerase	May react or be incompatible with oxidizing materials.
	5X Herculase II Reaction Buffer	May react or be incompatible with oxidizing materials.
	SureSelect Binding Buffer	May react or be incompatible with oxidizing materials.
	SureSelect Wash Buffer 1	May react or be incompatible with oxidizing materials.
	SureSelect Wash Buffer 2	May react or be incompatible with oxidizing materials.
	SureSelect XT HS and XT Low Input Blocker Mix	May react or be incompatible with oxidizing materials.
	SureSelect Fast Hybridization Buffer	May react or be incompatible with oxidizing materials.
	SureSelect RNase Block	May react or be incompatible with oxidizing materials.
	SureSelect Post-Capture Primer Mix	May react or be incompatible with oxidizing materials.
	SSEL Low Input Index Primer, Plate 2, ILM	May react or be incompatible with oxidizing materials.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	May react or be incompatible with oxidizing materials.
10.6 Hazardous : decomposition products	End Repair-A Tailing Enzyme Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	End Repair-A Tailing Buffer	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
	Ligation Buffer	produced. Under normal conditions of storage and use, hazardous decomposition products should not be
	Adaptor Oligo Mix	produced. Under normal conditions of storage and use, hazardous decomposition products should not be
	Forward Primer	produced. Under normal conditions of storage and use, hazardous decomposition products should not be
	100 mM dNTP Mix (25 mM each dNTP)	produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Herculase II Fusion DNA Polymerase	Under normal conditions of storage and use, hazardous decomposition products should not be
	5X Herculase II Reaction Buffer	produced. Under normal conditions of storage and use, hazardous decomposition products should not be
	SureSelect Binding Buffer	produced. Under normal conditions of storage and use, hazardous decomposition products should not be
	SureSelect Wash Buffer 1	produced. Under normal conditions of storage and use, hazardous decomposition products should not be
	SureSelect Wash Buffer 2	produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

- )		
	SureSelect XT HS and XT Low	Under normal conditions of storage and use,
	Input Blocker Mix	hazardous decomposition products should not be produced.
	SureSelect Fast Hybridization Buffer	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 Post-Capture Primer Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SSEL Low Input Index Primer, Plate 2, ILM	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
_		

# Section 11. Toxicological information

#### 11.1 Information on toxicological effects

#### **Acute toxicity**

Rat 2 Rat 1 Rat 1 Rat 1	12600 mg/kg 2600 mg/kg 12600 mg/kg 12600 mg/kg 12600 mg/kg	-
Rat 2 Rat 1 Rat 1 Rat 1	2600 mg/kg 12600 mg/kg 12600 mg/kg 12600 mg/kg	-
Rat 2 Rat 1 Rat 1 Rat 1	2600 mg/kg 12600 mg/kg 12600 mg/kg 12600 mg/kg	-
Rat 1 Rat 1 Rat 1	12600 mg/kg 12600 mg/kg 12600 mg/kg	-
Rat 1 Rat 1 Rat 1	12600 mg/kg 12600 mg/kg 12600 mg/kg	-
Rat 1 Rat 1 Rat 1	12600 mg/kg 12600 mg/kg 12600 mg/kg	-
Rat 1 Rat 1	12600 mg/kg 12600 mg/kg	-
Rat 1 Rat 1	12600 mg/kg 12600 mg/kg	-
Rat 1	12600 mg/kg	-
Rat 1	12600 mg/kg	-
Rat 1	12600 mg/kg	-
		-
		-
		-
Sat S		
?at	"	
at s	"	
···· /	>5000 mg/kg	-
	2840 mg/kg	-
	2500 mg/kg	-
Rat 3	3000 mg/kg	
	Jooo mg/kg	-
Rat 1	1288 mg/kg	-
Pat 1	1288 ma/ka	_
	1200 mg/kg	-
Rat 1	12600 mg/kg	-
	Rat	Rat 1288 mg/kg

#### Toxicological information 4 4 -41 - 10 0

Section 11. Loxic	ological inform	nation		
SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions Glycerol	LD50 Oral	Rat	12600 mg/kg	-
Irritation/Corrosion		-		

Product/ingredient name	Result	Species	Score	Exposure	Observation
End Repair-A Tailing					
Enzyme Mix Glycerol	Eyes - Mild irritant	Rabbit	_	24 hours 500	_
		Rabbit		mg	
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
End Repair-A Tailing Buffer					
Potassium chloride	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
T4 DNA Ligase					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
Ligation Buffer					
Polyethylene glycol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
	Even Mild irritant	Rabbit		mg 500 mg	
	Eyes - Mild irritant Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
Chaoral	Skin - Mild irritant	Rabbit Rabbit	-	500 mg 24 hours 500	-
Glycerol	Eyes - Mild irritant	Rabbit	-	mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
Herculase II Fusion DNA					
Polymerase					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
5X Herculase II Reaction					
Buffer					
Trometamol	Skin - Moderate irritant Skin - Severe irritant	Rabbit Rabbit	-	25 %	-
	Skin - Severe initalit	Rabbit	-	500 mg	-
SureSelect Binding Buffer					
Sodium chloride	Eyes - Moderate irritant	Rabbit	-	24 hours 100	-
	Eyes - Moderate irritant	Rabbit	-	mg 10 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
SureSelect Wash Buffer 1					
Sodium dodecyl sulphate	Eyes - Mild irritant	Rabbit	-	250 ug	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 100 mg	-

SureSelect Wash Buffer 2 Sodium dodecyl sulphateEyes - Moderate irritant Skin - Mild irritantRabbit Guinea pig 10 mg 24 hours 25 mg 24 hours 25 - mg 24 hours 50 - mg 24 hours 50 - mg 24 hours 50 - mg 24 hours 50 - mg 24 hours 50 - mg -SureSelect Wash Buffer 2 Sodium dodecyl sulphateEyes - Mild irritant Eyes - Moderate irritantRabbit 10 mg 24 hours 25 - mg -SureSelect Wash Buffer 2 Sodium dodecyl sulphateEyes - Mild irritant Eyes - Moderate irritantRabbit 250 ug - mg -SureSelect Wash Buffer 2 Sodium dodecyl sulphateEyes - Mild irritant Eyes - Moderate irritant Buffer 10 irritantRabbit 250 ug - mg -SureSelect Wash Buffer 2 Sodium dodecyl sulphateEyes - Mild irritant Eyes - Moderate irritant Buffer 10 irritant-250 ug - mg SureSelect Wash Buffer 2 Sodium dodecyl sulphateEyes - Mild irritant Buffer 10 irritant-250 ug - mg SureSelect Wash Buffer 2 Skin - Mild irritantRabbit 24 hours 25 - mg -SureSelect Wash Buffer 2 Skin - Mild irritantRabbit 10 mg Skin - Moderate irritant Skin - Mild irritantRabbit 10 mg Skin - Mild irritant Skin - Mild irritantRabbit 10 mg Skin - Mild irritant Skin - Mild irritantRabbit <th< th=""><th></th><th>ogical informati</th><th></th><th></th><th></th><th></th></th<>		ogical informati				
Skin - Mild irritantGuinea pig-24 hours 25-Skin - Moderate irritantMouse-24 hours 25-Skin - Mild irritantRabbit-24 hours 50-Skin - Moderate irritantRabbit-24 hours 25-Skin - Moderate irritantRabbit-24 hours 25-Sodium dodecyl sulphateEyes - Mild irritantRabbit-250 ug-Eyes - Moderate irritantRabbit-24 hours 100-Eyes - Moderate irritantRabbit-10 mg-Eyes - Moderate irritantRabbit-10 mg-Skin - Moderate irritantRabbit-24 hours 25-Skin - Mild irritantRabbit-10 mg-Skin - Mild irritantRabbit-24 hours 25-Skin - Mild irritantRabbit-10 mg-Skin - Mild irritantRabbit-24 hours 25-Muse-24 hours 25-mgSkin - Mild irritantRabbit-24 hours 25-Skin - Mild irritantRabbit-24 hours 50-Skin - Mild irritantRabbit-24 hours 50-Skin - Mild irritantRabbit-24 hours 25-Skin - Mild irritantRabbit-24 hours 25-Skin - Mild irritantRabbit-24 hours 25-Skin - Mild irritantRabbit-24 hours		Eyes - Moderate irritant	Rabbit	-	10 mg	-
Skin - Moderate irritantMouse-24 hours 25-Skin - Mild irritantRabbit-24 hours 50-Skin - Moderate irritantRabbit-24 hours 25-Sodium dodecyl sulphateEyes - Mild irritantRabbit-250 ug-Eyes - Moderate irritantRabbit-250 ug-Eyes - Moderate irritantRabbit-24 hours 100-Byss - Moderate irritantRabbit-24 hours 25-Skin - Mild irritantRabbit-10 mg-Skin - Mild irritantRabbit-24 hours 25-Skin - Mild irritantMousemgSkin - Moderate irritantRabbit-24 hours 25-Skin - Mild irritantRabbit-24 hours 25-Skin - Moderate irritantRabbit-24 hours 25-Skin - Mild irritantRabbit-24 hours 25-Skin - Mild irritantRabbit-24 hours 25-Skin - Mild irritantRabbit-24 hours 25-Skin - Moderate irritantRabbit-24 hours 25-Skin - Mild irritantRabbit-24 hours 25-Skin - Moderate irritant <td></td> <td>Skin - Mild irritant</td> <td>Guinea pig</td> <td>-</td> <td></td> <td>-</td>		Skin - Mild irritant	Guinea pig	-		-
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SureSelect Wash Buffer 2 Sodium dodecyl sulphateSkin - Moderate irritantRabbit-24 hours 50 mg-Sodium dodecyl sulphateEyes - Mild irritant Eyes - Moderate irritantRabbit-250 ug Rabbit-Eyes - Mild irritant Eyes - Moderate irritantRabbit-250 ug mg-Skin - Moderate irritant Skin - Mild irritantRabbit-24 hours 100 mg-Skin - Mild irritant Skin - Mild irritantRabbit Guinea pig-24 hours 25 mg-Skin - Moderate irritant Skin - Mild irritantMouse-24 hours 25 mg-Skin - Moderate irritant Skin - Mild irritantRabbit Rabbit-24 hours 25 mg-Skin - Moderate irritant Skin - Mild irritantRabbit Rabbit-24 hours 25 mg-Skin - Mild irritant Skin - Mild irritantRabbit Rabbit-24 hours 25 24 hours 25-Skin - Moderate irritant Skin - Mild irritantRabbit Rabbit-24 hours 25 24 hours 25-		Skin - Moderate irritant	Mouse	-		-
SureSelect Wash Buffer 2 Sodium dodecyl sulphateSkin - Moderate irritantRabbit-mg 24 hours 25 mg-Sodium dodecyl sulphateEyes - Mild irritant Eyes - Moderate irritantRabbit-250 ug 24 hours 100 mg-Eyes - Moderate irritant Skin - Mild irritant Skin - Mild irritantRabbit Guinea pig-10 mg 24 hours 25 mg-Skin - Moderate irritant Skin - Mild irritantRabbit Guinea pig-24 hours 25 mg 24 hours 25-Skin - Moderate irritant Skin - Mild irritantRabbit Rabbit-24 hours 25 mg 24 hours 25-Skin - Moderate irritant Skin - Mild irritantRabbit Rabbit-24 hours 25 24 hours 25-Mouse-24 hours 25 24 hours 25Mouse-24 hours 25 24 hours 25-Skin - Mild irritant Skin - Moderate irritantRabbit 24 hours 25-Mouse-24 hours 25 24 hours 25-Mouse-24 hours 25 24 hours 25-Mouse-24 hours 25 24 hours 25-Mouse-24 hours 25 24 hours 25-MouseMouseMouseMouseMouseMouseMouseMouseMouse					mg	
SureSelect Wash Buffer 2 Sodium dodecyl sulphateSkin - Moderate irritant Eyes - Mild irritant Eyes - Moderate irritantRabbit Rabbit-24 hours 25 mg-Babit-250 ug 24 hours 100 mgEyes - Moderate irritant Skin - Mild irritantRabbit Guinea pig-10 mg 24 hours 25 mg-Skin - Moderate irritant Skin - Mild irritantRabbit Guinea pig-24 hours 25 mg-Skin - Moderate irritant Skin - Mild irritantMouse Rabbit-24 hours 25 mg-Skin - Mild irritant Skin - Mild irritantRabbit Rabbit-24 hours 25 mg-Skin - Mild irritant Skin - Mild irritantRabbit Rabbit-24 hours 25 mg-Skin - Mild irritant Skin - Moderate irritantRabbit Rabbit-24 hours 25 rmg-		Skin - Mild irritant	Rabbit	-	24 hours 50	-
SureSelect Wash Buffer 2 Sodium dodecyl sulphateEyes - Mild irritant Eyes - Moderate irritantRabbit Rabbit-250 ug Eyes - Moderate irritant Eyes - Moderate irritantRabbit Guinea pig-10 mg Skin - Mild irritant Skin - Mild irritantMouse-10 mg Skin - Moderate irritant Skin - Mild irritantMouse-mg Skin - Moderate irritant Skin - Mild irritantRabbit mg Skin - Moderate irritant Skin - Mild irritantRabbit Rabbit-mg Skin - Mild irritant Skin - Mild irritantRabbit Rabbit-mg Mouse-mg mg Skin - Mild irritant Skin - Moderate irritantRabbitmg -Skin - Mild irritant Skin - Moderate irritantRabbitmg Skin - Mild irritant Skin - Moderate irritantRabbitmg Skin - Mild irritant Skin - Mild irritantRabbitmg Skin - Mild irritant Skin - Moderate irritantRabbitSkin - Mild irritant Skin - Moderate irritantSkin - Mild irritant Skin - Moderate irritantSkin - Mild irritant Skin - Moderate irritantSkin - Moderate irritant </td <td></td> <td></td> <td></td> <td></td> <td>mg</td> <td></td>					mg	
SureSelect Wash Buffer 2 Sodium dodecyl sulphateEyes - Mild irritant Eyes - Moderate irritantRabbit Rabbit-250 ug 24 hours 100 mg-Eyes - Moderate irritant Skin - Mild irritantRabbit Guinea pig-24 hours 25 mg-Skin - Moderate irritant Skin - Mild irritantMouse-24 hours 25 mg-Skin - Moderate irritant Skin - Mild irritantMouse-24 hours 25 mg-Skin - Moderate irritant Skin - Mild irritantRabbit Rabbit-24 hours 25 mg-Skin - Mild irritant Skin - Mild irritantRabbit Rabbit-24 hours 25 mg-Skin - Mild irritant Skin - Moderate irritantRabbit Rabbit-24 hours 25 mg-		Skin - Moderate irritant	Rabbit	-	24 hours 25	-
Sodium dodecyl sulphateEyes - Mild irritant Eyes - Moderate irritantRabbit Rabbit-250 ug 24 hours 100 mg-Eyes - Moderate irritant Skin - Mild irritantRabbit Guinea pig-10 mg 24 hours 25-Skin - Moderate irritant Skin - Mild irritantMouse-24 hours 25 mg-Skin - Moderate irritant Skin - Mild irritantRabbitSkin - Moderate irritant Skin - Mild irritantMouseSkin - Moderate irritant Skin - Mild irritantRabbit RabbitMours 25 Moderate irritantMours 20 Moderate irritantMours 20 Moderate irritantMours 20 Moderate irritantMours 20 Moderate irritantMours 20 Moderate irritantMours 20 Mours 20 Mours 20Mours 20 Mours 20 Mours 20-					mg	
Sodium dodecyl sulphateEyes - Mild irritant Eyes - Moderate irritantRabbit Rabbit-250 ug 24 hours 100 mg-Eyes - Moderate irritant Skin - Mild irritantRabbit Guinea pig-10 mg 24 hours 25-Skin - Moderate irritant Skin - Mild irritantMouse-24 hours 25 mg-Skin - Moderate irritant Skin - Mild irritantMouseSkin - Moderate irritant Skin - Mild irritantRabbit MouseSkin - Mild irritant Skin - Mild irritantRabbit RabbitMouseMg Skin - Moderate irritantRabbitMouseMg Skin - Moderate irritantRabbitMouseMg Skin - Moderate irritantRabbitMg Skin - Moderate irritantRabbitMg Skin - Moderate irritantMg Skin - Moderate irritant						
Eyes - Moderate irritantRabbit-24 hours 100-mgEyes - Moderate irritantRabbit-10 mg-Skin - Mild irritantGuinea pig-24 hours 25-Skin - Moderate irritantMouse-24 hours 25-Skin - Mild irritantRabbit-24 hours 25-Skin - Mild irritantRabbit-24 hours 25-Skin - Mild irritantRabbit-24 hours 50-Skin - Mild irritantRabbit-24 hours 50-Skin - Moderate irritantRabbit-24 hours 25-					0.50	
Eyes - Moderate irritant Skin - Mild irritantRabbit Guinea pig-ng 10 mg Skin - Moderate irritantMouse-24 hours 25-Skin - Mild irritantMouse-24 hours 25-Skin - Mild irritantRabbit-24 hours 25-Skin - Mild irritantRabbit-24 hours 50-Skin - Moderate irritantRabbit-24 hours 50-Skin - Moderate irritantRabbit-24 hours 25-	odium dodecyl sulphate			-		-
Eyes - Moderate irritant Skin - Mild irritantRabbit Guinea pig-10 mg 24 hours 25-Skin - Moderate irritantMouse-24 hours 25-Skin - Moderate irritantRabbit-24 hours 25-Skin - Mild irritantRabbit-24 hours 50-Skin - Moderate irritantRabbit-24 hours 50-Skin - Moderate irritantRabbit-24 hours 25-		Eyes - Moderate irritant	Rabbit	-		-
Skin - Mild irritantGuinea pig-24 hours 25-Skin - Moderate irritantMouse-24 hours 25-Skin - Mild irritantRabbit-24 hours 50-Skin - Moderate irritantRabbit-24 hours 50-Skin - Moderate irritantRabbit-24 hours 25-			B			
Skin - Moderate irritantMouse-mg 24 hours 25Skin - Mild irritantRabbit-24 hours 50Skin - Moderate irritantRabbit-24 hours 50				-		-
Skin - Moderate irritantMouse-24 hours 25-Skin - Mild irritantRabbit-24 hours 50-Skin - Moderate irritantRabbit-24 hours 25-		Skin - Mild Irritant	Guinea pig	-		-
Skin - Mild irritantRabbit-mg 24 hours 50 mg-Skin - Moderate irritantRabbit-24 hours 25-		Skin Madarata irritant	Mauraa			
Skin - Mild irritantRabbit-24 hours 50-Skin - Moderate irritantRabbit-24 hours 25-		Skin - Moderate Imtant	Mouse	-		-
Skin - Moderate irritant Rabbit - mg 24 hours 25 -		Skin Mild irritant	Pabhit			
Skin - Moderate irritant Rabbit - 24 hours 25 -			Tabbit	-		-
		Skin - Moderate irritant	Rabbit			
			Tabbit	-	mg	-
ing ing					ing	
SureSelect RNase Block	ureSelect RNase Block					
Glycerol Eyes - Mild irritant Rabbit - 24 hours 500 -		Eves - Mild irritant	Rabbit	-	24 hours 500	-
mg	,	<b>y</b>				
Skin - Mild irritant Rabbit - 24 hours 500 -		Skin - Mild irritant	Rabbit	-		-
mg						
SSel XT HS and XT Low	Sel XT HS and XT Low					
Input Cancer All-In-One	put Cancer All-In-One					
Lung, 96 Reactions						
Glycerol Eyes - Mild irritant Rabbit - 24 hours 500 -		Eyes - Mild irritant	Rabbit	-	24 hours 500	-
mg	-	-				
Skin - Mild irritant Rabbit - 24 hours 500 -		Skin - Mild irritant	Rabbit	-		-
mg						

#### **Sensitization**

Not available.

<b>Mutagenicity</b>	
<b>Conclusion/Summary</b>	: Not available.
<b>Carcinogenicity</b>	
<b>Conclusion/Summary</b>	: Not available.
Reproductive toxicity	
<b>Conclusion/Summary</b>	: Not available.
Teratogenicity	
Conclusion/Summary	: Not available.
Specific target organ tox	<u> kicity (single exposure)</u>

Name	Category	Route of exposure	Target organs
5X Herculase II Reaction Buffer Trometamol	Category 3	-	Respiratory tract irritation
SureSelect Wash Buffer 1 Sodium dodecyl sulphate	Category 3	-	Respiratory tract irritation
SureSelect Wash Buffer 2 Sodium dodecyl sulphate	Category 3	-	Respiratory tract irritation

#### Specific target organ toxicity (repeated exposure)

Not available.

#### **Aspiration hazard**

Not available.

Information on the likely routes of exposure	: End Repair-A Tailing Enzyme Mix	Routes of entry anticipated: Oral, Dermal, Inhalation.
	End Repair-A Tailing Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
	T4 DNA Ligase	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Ligation Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase II Fusion DNA	Routes of entry anticipated: Oral, Dermal,
	Polymerase	Inhalation.
	5X Herculase II Reaction Buffer	Routes of entry anticipated: Oral, Dermal,
		Inhalation.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT Low	Not available.
	Input Blocker Mix	
	SureSelect Fast Hybridization	Routes of entry anticipated: Oral, Dermal,
	Buffer	Inhalation.
	SureSelect RNase Block	Routes of entry anticipated: Oral, Dermal, Inhalation.
	SureSelect Post-Capture Primer	Not available.
	Mix	
	SSEL Low Input Index Primer, Plate 2, ILM	Not available.
	SSel XT HS and XT Low Input	Not available.
	Cancer All-In-One Lung, 96	
	Reactions	
Detential coute boolth offecte		

#### Potential acute health effects

Eye contact	: End Repair-A Tailing Enzyme Mix	Causes eye irritation.
Lycoondot	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
		Causes eye irritation.
	T4 DNA Ligase	
	Ligation Buffer Adaptor Oligo Mix	Causes eye irritation. No known significant effects or critical hazards.
		•
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each	No known significant effects or critical hazards.
	dNTP)	
	Herculase II Fusion DNA	Causes eye irritation.
	Polymerase	
	5X Herculase II Reaction Buffer	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.
	SureSelect XT HS and XT Low	No known significant effects or critical hazards.
	Input Blocker Mix	
	SureSelect Fast Hybridization	No known significant effects or critical hazards.
	Buffer	
	SureSelect RNase Block	Causes eye irritation.
	SureSelect Post-Capture Primer	No known significant effects or critical hazards.
	Mix	
	SSEL Low Input Index Primer,	No known significant effects or critical hazards.
	Plate 2, ILM	
	SSel XT HS and XT Low Input	No known significant effects or critical hazards.
	Cancer All-In-One Lung, 96	
	Reactions	
Inhalation	: End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each	No known significant effects or critical hazards.
	dNTP)	no known significant chocic of childar hazardo.
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	
	5X Herculase II Reaction Buffer	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.
	SureSelect XT HS and XT Low	No known significant effects or critical hazards.
	Input Blocker Mix	
	SureSelect Fast Hybridization	No known significant effects or critical hazards.
	Buffer	
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture Primer	No known significant effects or critical hazards.
	Mix	
	SSEL Low Input Index Primer,	No known significant effects or critical hazards.
	Plate 2, ILM	
	SSel XT HS and XT Low Input	No known significant effects or critical hazards.
	Cancer All-In-One Lung, 96	
	Reactions	
Skin contact	: End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
Skill Collact		
	End Repair-A Tailing Buffer T4 DNA Ligase	No known significant effects or critical hazards. No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each	No known significant effects or critical hazards.
	dNTP)	

	kiesisgisa menaton	
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	No known significant offects or critical bezorde
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards. No known significant effects or critical hazards.
	SureSelect Binding Buffer SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low	No known significant effects or critical hazards.
	Input Blocker Mix	
	SureSelect Fast Hybridization	No known significant effects or critical hazards.
	Buffer	
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture Primer	No known significant effects or critical hazards.
	Mix	
	SSEL Low Input Index Primer,	No known significant effects or critical hazards.
	Plate 2, ILM	
	SSel XT HS and XT Low Input	No known significant effects or critical hazards.
	Cancer All-In-One Lung, 96	
	Reactions	
Ingestion	: End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
ingestion	End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each	No known significant effects or critical hazards.
	dNTP)	
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	
	5X Herculase II Reaction Buffer	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.
	SureSelect XT HS and XT Low	No known significant effects or critical hazards.
	Input Blocker Mix	
	SureSelect Fast Hybridization	No known significant effects or critical hazards.
	Buffer	-
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture Primer	No known significant effects or critical hazards.
	Mix	
	SSEL Low Input Index Primer,	No known significant effects or critical hazards.
	Plate 2, ILM	
	SSel XT HS and XT Low Input	No known significant effects or critical hazards.
	Cancer All-In-One Lung, 96	
	Reactions	
	ne physical, chemical and toxicological ch	
Eye contact	: End Repair-A Tailing Enzyme Mix	Adverse symptoms may include the following:
		irritation
		watering
		redness
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	Adverse symptoms may include the following:
		irritation
		watering
		redness
	Ligation Buffer	Adverse symptoms may include the following:
		irritation
		watering
	Adaptan Olice Min	redness
	Adaptor Oligo Mix	No specific data.
Date of issue : 04	4/19/2022	6

Section 11. Toxicold	gical mormation	
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Herculase II Fusion DNA Polymerase	Adverse symptoms may include the following:
		irritation
		watering
		redness
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low	No specific data.
	Input Blocker Mix	
	SureSelect Fast Hybridization Buffer	No specific data.
	SureSelect RNase Block	Adverse symptoms may include the following: irritation
		watering
		redness
	SureSelect Post-Capture Primer Mix	No specific data.
	SSEL Low Input Index Primer, Plate 2, ILM	No specific data.
	SSel XT HS and XT Low Input	No specific data.
	Cancer All-In-One Lung, 96 Reactions	
Inhalation :	End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Herculase II Fusion DNA Polymerase	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low Input Blocker Mix	No specific data.
	SureSelect Fast Hybridization Buffer	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture Primer Mix	No specific data.
	SSEL Low Input Index Primer, Plate 2, ILM	No specific data.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No specific data.
Skin contact :	End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each	No specific data.

	ogioar information	
	dNTP)	No. on a ifi a data
	Herculase II Fusion DNA Polymerase	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low	No specific data.
	Input Blocker Mix	
	SureSelect Fast Hybridization	No specific data.
	Buffer	
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture Primer Mix	No specific data.
	SSEL Low Input Index Primer, Plate 2, ILM	No specific data.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No specific data.
Induction		No aposifio data
Ingestion :	End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer	No specific data.
		No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Herculase II Fusion DNA Polymerase	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low Input Blocker Mix	No specific data.
	SureSelect Fast Hybridization	No specific data.
	Buffer	
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture Primer Mix	No specific data.
	SSEL Low Input Index Primer, Plate 2, ILM	No specific data.
	SSel XT HS and XT Low Input	No specific data.
	Cancer All-In-One Lung, 96 Reactions	-
Delayed and immediate effects	and also chronic effects from sho	rt and long term exposure
Short term exposure		term exposure
	Not available	

Short term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health effe	ects

General	: End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	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.
	SureSelect XT HS and XT Low	No known significant effects or critical hazards.
	Input Blocker Mix	
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards.
	SSEL Low Input Index Primer,	No known significant effects or critical hazards.
	Plate 2, ILM SSel XT HS and XT Low Input Cancer All-In-One Lung, 96	No known significant effects or critical hazards.
	Reactions	
Carcinogenicity	End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each	No known significant effects or critical hazards.
	dNTP) Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	No known significant effects of childar hazards.
	5X Herculase II Reaction Buffer	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.
	SureSelect XT HS and XT Low	No known significant effects or critical hazards.
	Input Blocker Mix	No known cignificant offects or exiting beroude
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards.
	SSEL Low Input Index Primer, Plate 2, ILM	No known significant effects or critical hazards.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No known significant effects or critical hazards.
Mutagenicity	: End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
mutayementy	End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each	No known significant effects or critical hazards.
	dNTP)	

	-	
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	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.
	SureSelect XT HS and XT Low	No known significant effects or critical hazards.
	Input Blocker Mix	
	SureSelect Fast Hybridization	No known significant effects or critical hazards.
	Buffer	No known significant effects of cifical flazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards.
	SSEL Low Input Index Primer,	No known significant effects or critical hazards.
	Plate 2, ILM	No known significant enects of childa hazards.
	SSel XT HS and XT Low Input	No known significant effects or critical hazards.
	Cancer All-In-One Lung, 96	
	Reactions	
Reproductive toxicity	End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each	No known significant effects or critical hazards.
	dNTP)	
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	-
	5X Herculase II Reaction Buffer	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.
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast Hybridization	No known significant effects or critical hazards.
	Buffer	
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture Primer	No known significant effects or critical hazards.
	Mix	No known significant enects of childar hazalus.
	SSEL Low Input Index Primer,	No known significant effects or critical hazards.
	Plate 2, ILM	
	SSel XT HS and XT Low Input	No known significant effects or critical hazards.
	Cancer All-In-One Lung, 96	5
	Reactions	

#### Numerical measures of toxicity

#### Acute toxicity estimates Oral (mg/ Dermal Inhalation Inhalation Inhalation **Product/ingredient name** kg) (mg/kg) (gases) (vapors) (dusts and (mg/l) mists) (mg/ (ppm) I) End Repair-A Tailing Enzyme Mix Glycerol 12600 N/A N/A N/A N/A End Repair-A Tailing Buffer End Repair-A Tailing Buffer 159509.2 N/A N/A N/A N/A Potassium chloride N/A 2600 N/A N/A N/A Date of issue : 04/19/2022 70/79

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Section 11. Toxicological inform						
T4 DNA Ligase						
Glycerol	12600	N/A	N/A	N/A	N/A	
Ligation Buffer						
Polyethylene glycol	28000	N/A	N/A	N/A	N/A	
Glycerol	12600	N/A	N/A	N/A	N/A	
Herculase II Fusion DNA Polymerase						
Glycerol	12600	N/A	N/A	N/A	N/A	
5X Herculase II Reaction Buffer						
5X Herculase II Reaction Buffer	107739	N/A	N/A	N/A	N/A	
Ammonium sulphate	2840	N/A	N/A	N/A	N/A	
Hexadecan-1-ol, ethoxylated	2500	N/A	N/A	N/A	N/A	
SureSelect Binding Buffer						
SureSelect Binding Buffer	51369.9	N/A	N/A	N/A	N/A	
Sodium chloride	3000	N/A	N/A	N/A	N/A	
SureSelect Wash Buffer 1						
Sodium dodecyl sulphate	1288	N/A	N/A	N/A	1.5	
SureSelect Wash Buffer 2						
Sodium dodecyl sulphate	1288	N/A	N/A	N/A	1.5	
SureSelect RNase Block						
Glycerol	12600	N/A	N/A	N/A	N/A	
SSel XT HS and XT Low Input Cancer All-In-One						
Lung, 96 Reactions						
Glycerol	12600	N/A	N/A	N/A	N/A	

Other information	: End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing Buffer	Adverse symptoms may include the following: May
		cause skin sensitization.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT Low Input Blocker Mix	Not available.
	SureSelect Fast Hybridization Buffer	Not available.
	SureSelect RNase Block	Adverse symptoms may include the following: May cause skin sensitization.
	SureSelect Post-Capture Primer Mix	Not available.
	SSEL Low Input Index Primer, Plate 2, ILM	Not available.
	SSel XT HS and XT Low Input	Not available.

Cancer All-In-One Lung, 96

Reactions

# Section 12. Ecological information

#### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
End Repair-A Tailing Enzyme Mix Glycerol	Aguta L CE0 54000 mg/l Erech water	Fish Oncorbynabus mylias	
Giycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
End Repair-A Tailing Buffer			001
Potassium chloride	Acute EC50 1337000 µg/l Fresh water Acute EC50 9.24 g/L Fresh water	Algae - Navicula seminulum Algae - Desmodesmus subspicatus	96 hours 72 hours
	Acute EC50 83000 μg/l Fresh water Acute LC50 9.68 mg/l Fresh water	Daphnia - Daphnia magna Crustaceans - Pseudosida ramosa - Neonate	48 hours 48 hours
	Acute LC50 509.65 mg/l Fresh water	Fish - Danio rerio	96 hours
T4 DNA Ligase			
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
Ligation Buffer			
Polyethylene glycol	Acute LC50 >1000000 µg/l Fresh water	Fish - Salmo salar - Parr	96 hours
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
Herculase II Fusion DNA			
<b>Polymerase</b> Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
-			
5X Herculase II Reaction Buffer			
Trometamol	Acute EC50 >980 mg/l Fresh water	Daphnia	48 hours
Ammonium sulphate	Acute NOEC 520 mg/l Fresh water Chronic NOEC 7.5 mg/l Marine water	Daphnia Algae - Phaeodactylum	48 hours 96 hours
		tricornutum - Exponential growth	
Hexadecan-1-ol, ethoxylated	Acute LC50 330000 to 1000000 µg/l	phase Crustaceans - Crangon crangon -	48 hours
	Marine water	Adult	
SureSelect Binding Buffer			
Sodium chloride	Acute EC50 2430000 µg/l Fresh water	Algae - Navicula seminulum	96 hours
	Acute EC50 519.6 mg/l Fresh water Acute EC50 402.6 mg/l Fresh water	Crustaceans - Cypris subglobosa Daphnia - Daphnia magna	48 hours 48 hours
	Acute IC50 6.87 g/L Fresh water	Aquatic plants - Lemna minor	96 hours
	Acute LC50 1000000 µg/l Fresh water	Fish - Morone saxatilis - Larvae	96 hours
	Chronic LC10 781 mg/l Fresh water	Crustaceans - Hyalella azteca -	3 weeks
		Juvenile (Fledgling, Hatchling, Weanling)	
	Chronic NOEC 6 g/L Fresh water	Aquatic plants - Lemna minor	96 hours
	Chronic NOEC 0.314 g/L Fresh water	Daphnia - Daphnia pulex	21 days
	Chronic NOEC 100 mg/l Fresh water	Fish - Gambusia holbrooki - Adult	8 weeks
SureSelect Wash Buffer 1			
Sodium dodecyl sulphate	Acute EC50 1200 µg/l Marine water	Algae - Skeletonema costatum	96 hours
	Acute LC50 900 μg/l Marine water	Crustaceans - Artemia salina - Adult	48 hours
	Acute LC50 1400 µg/l Fresh water	Daphnia - Daphnia pulex -	48 hours
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	gioar information		
		Neonate	
	Acute LC50 590 µg/l Fresh water	Fish - Cirrhinus mrigala - Larvae	96 hours
	Chronic NOEC 1.25 mg/l Marine water	Algae - Ulva fasciata - Zoea	96 hours
	Chronic NOEC 1 mg/l Fresh water	Crustaceans - Pseudosida	21 days
		ramosa - Neonate	
	Chronic NOEC 3.2 mg/l Fresh water	Daphnia - Daphnia magna -	21 days
	_	Neonate	-
	Chronic NOEC >1357 µg/l Fresh water	Fish - Pimephales promelas	42 days
SureSelect Wash Buffer 2			
Sodium dodecyl sulphate	Acute EC50 1200 µg/l Marine water	Algae - Skeletonema costatum	96 hours
	Acute LC50 900 µg/l Marine water	Crustaceans - Artemia salina - Adult	48 hours
	Acute LC50 1400 µg/l Fresh water	Daphnia - Daphnia pulex - Neonate	48 hours
	Acute LC50 590 µg/l Fresh water	Fish - Cirrhinus mrigala - Larvae	96 hours
	Chronic NOEC 1.25 mg/l Marine water	Algae - Ulva fasciata - Zoea	96 hours
	Chronic NOEC 1 mg/l Fresh water	Crustaceans - Pseudosida ramosa - Neonate	21 days
	Chronic NOEC 3.2 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	21 days
	Chronic NOEC >1357 µg/l Fresh water	Fish - Pimephales promelas	42 days
SureSelect RNase Block			
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions			
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours

#### 12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
End Repair-A Tailing Enzyme Mix				
Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
T4 DNA Ligase				
Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
Ligation Buffer				
Polyethylene glycol	OECD 301D Ready Biodegradability - Closed Bottle Test	74.85 % - Readily - 28 days	4 mg/l	-
Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
Herculase II Fusion DNA				
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Section 12. Ecological information						
<b>Polymerase</b> Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 d	ays	-		-
5X Herculase II Reaction Buffer Trometamol	OECD 301F Ready Biodegradability - Manometric Respirometry Test	97.1 % - Re	97.1 % - Readily - 28 days			-
SureSelect Wash Buffer 1 Sodium dodecyl sulphate	OECD 301B Ready Biodegradability - CO <sub>2</sub> Evolution Test	95 % - Readily - 28 days		20 mg/l		Activated sludge
SureSelect Wash Buffer 2 Sodium dodecyl sulphate	OECD 301B Ready Biodegradability - CO <sub>2</sub> Evolution Test	95 % - Readily - 28 days		20 mg/l		Activated sludge
SureSelect RNase Block Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days		-		-
SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 d	ays	-		-
Product/ingredient name	Aquatic half-life		Photolysis	•	Biodeg	radability
End Repair-A Tailing Buffer Potassium chloride	-		-		Readily	
Ligation Buffer Polyethylene glycol	-		-		Readily	
5X Herculase II Reaction Buffer						
Trometamol Ammonium sulphate Hexadecan-1-ol, ethoxylated	-		-  -  -		Readily Readily Readily	
SureSelect Wash Buffer 1 Sodium dodecyl sulphate	-		-		Readily	
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### Section 12. Ecological information

SureSelect Wash Buffer 2			
Sodium dodecyl sulphate	-	-	Readily

#### 12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
End Repair-A Tailing Enzyme Mix			
Glycerol	-1.76	-	low
End Repair-A Tailing Buffer Potassium chloride	-0.46	-	low
<b>T4 DNA Ligase</b> Glycerol	-1.76	-	low
<b>Ligation Buffer</b> Polyethylene glycol Glycerol	- -1.76	3.2	low low
	-1.70	-	IOW
Herculase II Fusion DNA Polymerase Glycerol	-1.76	_	low
	-1.70	-	1000
5X Herculase II Reaction Buffer			
Trometamol	-2.31 -5.1	-	low
Ammonium sulphate	-5.1	-	low
SureSelect Wash Buffer 1 Sodium dodecyl sulphate	-2.03	-	low
SureSelect Wash Buffer 2 Sodium dodecyl sulphate	-2.03	-	low
SureSelect RNase Block Glycerol	-1.76	_	low
	-1.70	-	
SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions			
Glycerol	-1.76	-	low

#### 12.4 Mobility in soil

Soil/water partition coefficient (Koc) : Not available.

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

### Section 13. Disposal considerations

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

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

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

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

### Section 14. Transport information

DOT / TDG / Mexico / IMDG / : Not regulated. IATA

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

Transport in bulk according : Not available. to IMO instruments

### Section 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture		
U.S. Federal regulations	: 1	TSCA 8(a) CDR Exempt/Partial exemption: Not determined
	(	Clean Water Act (CWA) 311: Potassium hydroxide; Edetic acid
Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)	: ۱	Not listed
Clean Air Act Section 602 Class I Substances	: 1	Not listed
Clean Air Act Section 602 Class II Substances	: 1	Not listed
DEA List I Chemicals (Precursor Chemicals)	: 1	Not listed
DEA List II Chemicals (Essential Chemicals) <u>SARA 302/304</u>	: 1	Not listed

Date of issue : 04/19/2022

# Section 15. Regulatory information

**Composition/information on ingredients** 

No products were found.

SARA 304 RQ SARA 311/312	: Not applicable.	
Classification	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 2, ILM SSel XT HS and XT Low Input Cancer All- In-One Lung, 96 Reactions	EYE IRRITATION - Category 2B Not applicable. EYE IRRITATION - Category 2B EYE IRRITATION - Category 2B Not applicable. Not applicable. EYE IRRITATION - Category 2B Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. EYE IRRITATION - Category 2B Not applicable. EYE IRRITATION - Category 2B Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.

#### **Composition/information on ingredients**

Name	%	Classification
End Repair-A Tailing Enzyme Mix		
Glycerol	≥50 - ≤75	EYE IRRITATION - Category 2B
End Repair-A Tailing Buffer Potassium chloride	≤3	EYE IRRITATION - Category 2B
T4 DNA Ligase		
Glycerol	≥50 - ≤75	EYE IRRITATION - Category 2B
Ligation Buffer		
Polyethylene glycol	≥10 - ≤25	EYE IRRITATION - Category 2B
Glycerol	≥10 - ≤25	EYE IRRITATION - Category 2B
Herculase II Fusion DNA		
Polymerase		
Glycerol	≥50 - ≤75	EYE IRRITATION - Category 2B
5X Herculase II Reaction		
Buffer		
Trometamol	≤3	COMBUSTIBLE DUSTS SKIN IRRITATION - Category 2
		EYE IRRITATION - Category 2A
		SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract
Ammonium sulphate	≤3	irritation) - Category 3 EYE IRRITATION - Category 2A
·		
SureSelect Binding Buffer		
Sodium chloride	<10	EYE IRRITATION - Category 2A
SureSelect RNase Block		
Glycerol	≥50 - ≤75	EYE IRRITATION - Category 2B
SSel XT HS and XT Low Input		
Cancer All-In-One Lung, 96		
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### Section 15. Regulatory information

_				
	Reactions			
	Glycerol	≤3	EYE IRRITATION - Category 2B	

#### **SARA 313**

	Product name	CAS number	%
Form R - Reporting requirements	5X Herculase II Reaction Buffer Ammonium sulphate	7783-20-2	≤3
Supplier notification	5X Herculase II Reaction Buffer Ammonium sulphate	7783-20-2	≤3

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

#### **State regulations**

Massachusetts	: The following components are listed: GLYCERINE MIST
New York	: None of the components are listed.
New Jersey	: The following components are listed: GLYCERIN; 1,2,3-PROPANETRIOL
Pennsylvania	: The following components are listed: 1,2,3-PROPANETRIOL
<u>California Prop. 65</u>	

This product does not require a Safe Harbor warning under California Prop. 65.

#### International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals Not listed.

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants Not listed.

# Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

#### **Inventory list**

Australia	: Not determined.
Canada	: Not determined.
China	: Not determined.
Europe	: Not determined.
Japan	: Japan inventory (CSCL): Not determined. Japan inventory (ISHL): Not determined.
New Zealand	: Not determined.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: All components are listed or exempted.
Thailand	: Not determined.
Turkey	: Not determined.
United States	: Not determined.
Viet Nam	: Not determined.

## Section 16. Other information

#### Procedure used to derive the classification

Classification	Justification
End Repair-A Tailing Enzyme Mix	
EYE IRRITATION - Category 2B	Calculation method
T4 DNA Ligase	
EYE IRRITATION - Category 2B	Calculation method
Ligation Buffer	
EYE IRRITATION - Category 2B	Calculation method
Herculase II Fusion DNA Polymerase	
EYE IRRITATION - Category 2B	Calculation method
SureSelect RNase Block	
EYE IRRITATION - Category 2B	Calculation method
History	

motory	
Date of issue	: 04/19/2022
Date of previous issue	: 03/07/2022
Version	: 4.1
Key to abbreviations	: ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available UN = United Nations

✓ Indicates information that has changed from previously issued version.

#### Notice to reader

Disclaimer: The information contained in this document is based on Agilent's state of knowledge at the time of preparation. No warranty as to its accurateness, completeness or suitability for a particular purpose is expressed or implied.