SAFETY DATA SHEET



SureSelect XT Low Input Reagent kit, index 1-96 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9707R

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

1.1 Product identifier				
Product name	: SureSelect XT Low Input 96rxn, Part Number G970		+ SSel Cancer All-In-One Lung	Panel,
Part no. (chemical kit)	: G9707R			
Part no.	: <u>SureSelect XT HS and</u> <u>XT Low Input Library</u> <u>Preparation Kit for ILM</u> (Pre PCR), 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 Library	5500-0140 / 5190-968	<u>36</u>	
	Preparation Kit for ILM (Pre PCR), 96 Reactions / SureSelect XT HS and XT Low Input Target Enrichment Kit, ILM Hyb Module, Box 2 (Post PCR), 96 Reactions			
	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</u> <u>Target Enrichment Kit,</u> <u>ILM Hyb Module, Box 1</u> (Post PCR), 96 <u>Reactions</u>	<u>5190-9687</u>		
	SureSelect Binding Buffer	5190-9734		
	SureSelect Wash Buffer 1	5190-4408		
	SureSelect Wash Buffer 2	5190-4409		
	SureSelect XT HS and XT Low Input Target Enrichment Kit, ILM Hyb Module, Box 2 (Post	<u>5190-9686</u>		
	<u>PCR), 96 Reactions</u> 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	<u>5190-6444</u>		
Date of issue/Date of revision	: 19/04/2022 Date of previous	issue : 07/03/2022	Version :11	1/73

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

	Index Primers 1-96 for ILM (Pre PCR)		
	SSEL Low Input Index	5190-6442	
	Primer, Plate 1, ILM	0.0000	
	SSel XT HS and XT Low	<u>5191-4097</u>	
	Input Cancer All-In-One		
	Lung, 96 Reactions		
	SSel XT HS and XT Low	5191-4097	
	Input Cancer All-In-One		
	Lung, 96 Reactions		
1.2 Relevant identified uses of	of the substance or mixture	e and uses advis	ed against
Material uses :	Analytical reagent.		
	For Research Use Only.	Not for use in diag	nostic procedures.
	End Repair-A Tailing Enzy		0.512 ml (96 reactions)
	End Repair-A Tailing Buffe	er	2.048 ml (96 reactions)
	T4 DNA Ligase		0.256 ml (96 reactions)
	Ligation Buffer		2.944 ml (96 reactions)
	Adaptor Oligo Mix		0.64 - 0.7 ml (96 reactions)
	Forward Primer 100 mM dNTP Mix (25 mN		0.256 ml (96 reactions) 0.1 ml
	Herculase II Fusion DNA F	,	0.14 ml (96 reactions)
	5X Herculase II Reaction E		1.5 ml
	SureSelect Binding Buffer	Junci	93 ml
	SureSelect Wash Buffer 1		48 ml
	SureSelect Wash Buffer 2		144 ml
	SureSelect XT HS and XT		0.64 ml (96 reactions)
	Blocker Mix	·	, , , , , , , , , , , , , , , , , , ,
	SureSelect Fast Hybridizat	tion Buffer	0.918 ml
	SureSelect RNase Block		0.08 ml
	SureSelect Post-Capture F		0.14 ml (96 reactions)
	SSEL Low Input Index Prir		96 x 0.01 ml (96 reactions)
	SSel XT HS and XT Low I		0.192 ml
	In-One Lung, 96 Reactions	6	

1.3 Details of the supplier of the safety data sheet

Agilent Technologies Manufacturing GmbH & Co. KG Hewlett-Packard-Str. 8 76337 Waldbronn Germany 0800 603 1000 e-mail address of person : pdl-msds_author@agilent.com responsible for this SDS

1.4 Emergency telephone number

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

SureSelect XT Low Input Reagent kit, index 1-96 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9707R

SECTION 2: Hazards identification

2.1 Classification of the	substance or mixture
Product definition	: End Repair-A Tailing

:	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	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 1, ILM	Mixture
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] Not classified.

Ingredients of unknown toxicity	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer	Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 30 - 60% Percentage of the mixture consisting of ingredient(s) of unknown acute dermal toxicity: 1 - 10% Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 1 - 10%
	T4 DNA Ligase	Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 30 - 60%
	Ligation Buffer	Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 30 - 60%
	100 mM dNTP Mix (25 mM each dNTP)	Percentage of the mixture consisting of ingredient(s) of unknown acute dermal toxicity: 1 - 10%
		Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 1 - 10%
		Percentage of the mixture consisting of ingredient(s) of unknown acute oral toxicity: 1 - 10%
	Herculase II Fusion DNA Polymerase	Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 30 - 60%
	5X Herculase II Reaction Buffer	Percentage of the mixture consisting of ingredient(s) of unknown acute dermal toxicity: 1 - 10%
		Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 1 - 10%
	SureSelect Binding Buffer	Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 1 - 10%
Date of issue/Date of revision	: 19/04/2022 Date of previous	issue : 07/03/2022 Version : 1.1 3/73

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	SureSelect Fast Hybridization Buffer SureSelect RNase Block	Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 30 - 60% Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 30 - 60%
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 1 - 10%
Ingredients of unknown ecotoxicity	: 100 mM dNTP Mix (25 mM each dNTP) SureSelect Fast Hybridization Buffer	Contains 5.4% of components with unknown hazards to the aquatic environment Contains 31.3% of components with unknown hazards to the aquatic environment

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

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

2.2 Label elements

Signal word	: End Repair-A Tailing Enzyme Mix	No signal word.
	End Repair-A Tailing Buffer	No signal word.
	T4 DNA Ligase	No signal word.
	Ligation Buffer	No signal word.
	Adaptor Oligo Mix	No signal word.
	Forward Primer	No signal word.
	100 mM dNTP Mix (25 mM each dNTP)	No signal word.
	Herculase II Fusion DNA Polymerase	No signal word.
	5X Herculase II Reaction Buffer	No signal word.
	SureSelect Binding Buffer	No signal word.
	SureSelect Wash Buffer 1	No signal word.
	SureSelect Wash Buffer 2	No signal word.
	SureSelect XT HS and XT Low Input Blocker Mix	No signal word.
	SureSelect Fast Hybridization Buffer	No signal word.
	SureSelect RNase Block	No signal word.
	SureSelect Post-Capture Primer Mix	No signal word.
	SSEL Low Input Index Primer, Plate 1, ILM	No signal word.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No signal word.
Hazard statements	: 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	No known significant effects or critical hazards.
	mM each dNTP)	
	Herculase II Fusion DNA	No known significant effects or critical hazards.

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SECTION 2: Hazards identification

	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	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 Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards. No known significant effects or critical hazards.
	SSEL Low Input Index Primer, Plate 1, 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.
Precautionary statements		
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	Not applicable.
	mM each dNTP) Herculase II Fusion DNA Polymerase	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer	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	Not applicable.
	Primer Mix	
	SSEL Low Input Index Primer, Plate 1, ILM	Not applicable.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not applicable.

SureSelect XT Low Input Reagent kit, index 1-96 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9707R

SECTION 2: Hazards identification

Response	: End Repair-A Tailing	Not applicable.
	Enzyme Mix	
	End Repair-A Tailing	Not applicable.
	Buffer T4 DNA Ligase	Not applicable.
	Ligation Buffer	Not applicable.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer	Not applicable.
	100 mM dNTP Mix (25	Not applicable.
	mM each dNTP)	
	Herculase II Fusion DNA	Not applicable.
	Polymerase 5X Herculase II Reaction	Not applicable.
	Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer	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 1, ILM	Not applicable.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not applicable.
Storage	: 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	Not applicable. Not applicable.
	mM each dNTP)	not applicanic.
	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 1, ILM	Not applicable.

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SECTION 2: Hazards identification

	SSel XT HS and XT Low Input Cancer All-In-One	Not applicable.
Disposal	Enderepair-A Tailing Enzyme Mix	Not applicable.
	End Repair-A Tailing Buffer	Not applicable.
		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 dNTP)	Not applicable.
	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	Not applicable.
	Primer Mix	
	SSEL Low Input Index Primer, Plate 1, ILM	Not applicable.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not applicable.
Hazardous ingredients	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
Supplemental label selements	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	Not applicable.
	mM each dNTP)	
	Herculase II Fusion DNA Polymerase	Not applicable.
	5X Herculase II Reaction Buffer	Safety data sheet available on request.
	SureSelect Binding Buffer	Safety data sheet available on request.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT Low Input Blocker Mix	Not applicable.

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SECTION 2: Hazards identification

SureSelect Fast SureSelect RNase Block SureSelect RNase Block SureSelect RNase Block SureSelect RNase Block SureSelect RNase Block SureSelect RNase Block SureSelect RNase Block Not applicable. Not applicable. Annex XVII - Restrictions : Wight Black RYRMing SSEL Low Input Index Primer, Plate 1, ILM SSel XT HS and XT Low Input Cancer Al-In-One end manufacture. Not applicable. Annex XVII - Restrictions : Wight Black RYRMing Wight Black RYRMing end use of cortain dangerous substances, Index of cortain dangerous substances. Not applicable. Annex XVII - Restrictions : Wight Black RYRMing Buffer Not applicable. Upacing on the market end use of cortain dangerous substances. How RyrMing Yangerous Buffer Not applicable. Upacing on the market end use of cortain dangerous substances. How RyrMing Yangerous Buffer Not applicable. Upacing on the market end use of cortain dangerous substances. Not applicable. Not applicable. Upacing Yangerous Substances. Ligation Buffer SureSelect Wash Buffer SureSelect XT HS and XT Low Input Blocker Mix SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, ILM SSel XT HS and XT Low Input Cancer Al-In-One Lung, 90 Reactions Not applicable. SureSelect Post-Capture Primer Mix SSEL Substances. Not applicable. Not applicable. SureSelect Post-Capture Primer Mix SSEL Low Input Index Hybridization Buffer T 4 DNA Ligase Lingt Cancer Al-In-One Lung, 90 Reactions Not applicable. SureSelect Post-Capture Primer Mix Buffer T 4 DNA Ligase Si Herculase II Fusion DNA Ne		3 INCHINICATION			
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Date of issue/Date of revision : 19/04/2022 Date of previous issue : 07/03/2022 Version : 1.1 8/7					
	Date of issue/Date of revision	: 19/04/2022 Date of previous	issue : 07/03/2022	Version : 1.1	8/73

SureSelect XT Low Input Reagent kit, index 1-96 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9707R

SECTION 2: Hazards identification

	Adaptor Oligo Mix Forward Primer	None known. None known.	
	T4 DNA Ligase Ligation Buffer	None known. None known.	
classification	End Repair-A Tailing Buffer T4 DNA Ligase	None known	
Other hazards which do not result in	: End Repair-A Tailing Enzyme Mix	None known.	
	Lung, 96 Reactions		
	SSel XT HS and XT Low Input Cancer All-In-One	This mixture does not contain ar assessed to be a PBT or a vPvE	-
	Primer, Plate 1, ILM	assessed to be a PBT or a vPvE	3.
	Primer Mix SSEL Low Input Index	assessed to be a PBT or a vPvE This mixture does not contain ar	
		This mixture does not contain an	ny substances that are
	SULESCIECT KINASE BIOCK	This mixture does not contain an assessed to be a PBT or a vPvE	-
	Hybridization Buffer	assessed to be a PBT or a vPvE	
	SureSelect Fast	This mixture does not contain an	ny substances that are
	SureSelect XT HS and XT Low Input Blocker Mix	This mixture does not contain an assessed to be a PBT or a vPvE	
	2	assessed to be a PBT or a vPvE	3.
	1 SureSelect Wash Buffer	assessed to be a PBT or a vPvE This mixture does not contain an	
	SureSelect Wash Buffer	This mixture does not contain an	ny substances that are
	SureSelect Binding Buffer	This mixture does not contain an assessed to be a PBT or a vPvE	5
	Buffer	assessed to be a PBT or a vPvE	3.
		This mixture does not contain ar	
	Herculase II Fusion DNA Polymerase	This mixture does not contain an assessed to be a PBT or a vPvE	
	mM each dNTP)	assessed to be a PBT or a vPvE	3.
	100 mM dNTP Mix (25	assessed to be a PBT or a vPvE This mixture does not contain an	
	Forward Primer	This mixture does not contain an	ny substances that are
	Adaptor Oligo Mix	This mixture does not contain an assessed to be a PBT or a vPvE	
		assessed to be a PBT or a vPvE	
	Ligation Buffer	assessed to be a PBT or a vPvE This mixture does not contain an	
Regulation (EC) No. 1907/2006, Annex XIII	T4 DNA Ligase	This mixture does not contain ar	ny substances that are
according to Regulation (EC) No.	End Repair-A Tailing Buffer	This mixture does not contain ar assessed to be a PBT or a vPvE	
criteria for PBT or vPvB	Enzyme Mix	assessed to be a PBT or a vPvE	3.
2.3 Other hazards Product meets the	: End Repair-A Tailing	This mixture does not contain ar	av substances that are
	Input Cancer All-In-One Lung, 96 Reactions		
	SSel XT HS and XT Low	Not applicable.	
	SSEL Low Input Index Primer, Plate 1, ILM	Not applicable.	
	SureSelect Post-Capture Primer Mix	Not applicable.	
	Hybridization Buffer SureSelect RNase Block	Not applicable.	
	XT Low Input Blocker Mix SureSelect Fast	Not applicable.	
	2 SureSelect XT HS and	Not applicable.	

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SureSelect XT Low Input Reagent kit, index 1-96 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9707R

SECTION 2: Hazards identification

100 mM dNTP Mix (25 mM each dNTP)	None known.
Herculase II Fusion DNA	None known.
Polymerase	
5X Herculase II Reaction	None known.
Buffer	NI I
SureSelect Binding Buffer	None known.
SureSelect Wash Buffer	None known.
1	None known.
SureSelect Wash Buffer	None known.
2	
SureSelect XT HS and	None known.
XT Low Input Blocker Mix	
SureSelect Fast	None known.
Hybridization Buffer	NI I
SureSelect RNase Block	None known.
SureSelect Post-Capture	None known.
Primer Mix	Nanakaawa
SSEL Low Input Index	None known.
Primer, Plate 1, ILM SSel XT HS and XT Low	None known.
Input Cancer All-In-One	NONE KIOWII.
Lung, 96 Reactions	
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SECTION 3: Composition/information on ingredients

3.1 Substances	: 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 1, ILM	Mixture
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Mixture

SureSelect XT Low Input Reagent kit, index 1-96 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9707R

SECTION 3: Composition/information on ingredients

Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Туре
End Repair-A Tailing Enzyme Mix				1
Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	[2]
T4 DNA Ligase				
Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	[2]
Ligation Buffer				
Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥10 - ≤25	Not classified.	[2]
Herculase II Fusion DNA Polymerase				
Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	[2]
5X Herculase II Reaction Buffer				
Trometamol	EC: 201-064-4 CAS: 77-86-1	≤3	Skin Irrit. 2, H315 Eye Irrit. 2, H319	[1]
Ammonium sulphate	EC: 231-984-1 CAS: 7783-20-2	≤3	Eye Irrit. 2, H319	[1]
Hexadecan-1-ol, ethoxylated	EC: 500-014-1 CAS: 9004-95-9	<2.5	Aquatic Chronic 2, H411	[1]
SureSelect Binding Buffer				
Sodium chloride	EC: 231-598-3 CAS: 7647-14-5	<10	Eye Irrit. 2, H319	[1]
SureSelect RNase Block				
Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	[2]
SSel XT HS and XT Low Input Cancer All-In-One Lung, 96				
Reactions Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≤3	Not classified.	[2]
			See Section 16 for the full text of the H statements declared above.	

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

<u>Type</u>

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

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

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

[5] Substance of equivalent concern

[6] Additional disclosure due to company policy

Date of issue/Date of revision	: 19/04/2022	Date of previous issue	:07/03/2022
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SureSelect XT Low Input Reagent kit, index 1-96 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9707R

SECTION 3: Composition/information on ingredients

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

SECTION 4: First aid measures

4.1 Description of first aid measures

ye 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. Get medical attention if irritation occur
	End Repair-A Tailing	Immediately flush eyes with plenty of water, occasionally
	Buffer	lifting the upper and lower eyelids. Check for and remove
		any contact lenses. Get medical attention if irritation occur
	T4 DNA Ligase	Immediately flush eyes with plenty of water, occasionally
		lifting the upper and lower eyelids. Check for and remove
		any contact lenses. Get medical attention if irritation occur
	Ligation 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 occur
	Adaptor Oligo Mix	Immediately flush eyes with plenty of water, occasionally
		lifting the upper and lower eyelids. Check for and remove
	Forward Primer	any contact lenses. Get medical attention if irritation occur
	Forward Filmer	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 occur
	100 mM dNTP Mix (25	Immediately flush eyes with plenty of water, occasionally
	mM each dNTP)	lifting the upper and lower eyelids. Check for and remove
		any contact lenses. Get medical attention if irritation occur
	Herculase II Fusion DNA	Immediately flush eyes with plenty of water, occasionally
	Polymerase	lifting the upper and lower eyelids. Check for and remove
	y	any contact lenses. Get medical attention if irritation occur
	5X Herculase II Reaction	Immediately flush eyes with plenty of water, occasionally
	Buffer	lifting the upper and lower eyelids. Check for and remove
		any contact lenses. Get medical attention if irritation occur
	SureSelect Binding	Immediately flush eyes with plenty of water, occasionally
	Buffer	lifting the upper and lower eyelids. Check for and remove
		any contact lenses. Get medical attention if irritation occur
	SureSelect Wash Buffer	Immediately flush eyes with plenty of water, occasionally
	1	lifting the upper and lower eyelids. Check for and remove
	SureSelect Wash Buffer	any contact lenses. Get medical attention if irritation occur Immediately flush eyes with plenty of water, occasionally
	2	lifting the upper and lower eyelids. Check for and remove
	Z	any contact lenses. Get medical attention if irritation occur
	SureSelect XT HS and	Immediately flush eyes with plenty of water, occasionally
	XT Low Input Blocker Mix	lifting the upper and lower eyelids. Check for and remove
	··· -···	any contact lenses. Get medical attention if irritation occur
	SureSelect Fast	Immediately flush eyes with plenty of water, occasionally
	Hybridization Buffer	lifting the upper and lower eyelids. Check for and remove
		any contact lenses. Get medical attention if irritation occur
	SureSelect RNase Block	Immediately flush eyes with plenty of water, occasionally
		lifting the upper and lower eyelids. Check for and remove
		any contact lenses. Get medical attention if irritation occur
	SureSelect Post-Capture	Immediately flush eyes with plenty of water, occasionally
	Primer Mix	lifting the upper and lower eyelids. Check for and remove
	99EL Low Input Index	any contact lenses. Get medical attention if irritation occur
	SSEL Low Input Index	Immediately flush eyes with plenty of water, occasionally
	Primer, Plate 1, ILM	lifting the upper and lower eyelids. Check for and remove
	SSel XT HS and XT Low	any contact lenses. Get medical attention if irritation occur Immediately flush eyes with plenty of water, occasionally
	Input Cancer All-In-One	lifting the upper and lower eyelids. Check for and remove
	Lung, 96 Reactions	any contact lenses. Get medical attention if irritation occur

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SECTION 4: First	aid measures	
Inhalation	: End Repair-A Tailing Enzyme Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	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	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	Ligation Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	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 hours.
	Herculase II Fusion DNA Polymerase	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	5X Herculase II Reaction 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.
	SureSelect Binding Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect Wash Buffer 1	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect Wash Buffer 2	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	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 attention if symptoms occur.
	SureSelect Fast Hybridization 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.
	SureSelect RNase Block	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect 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 1, ILM	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if

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SECTION 4: First aid measures

		symptoms occur.
	SSel XT HS and XT Low Input Cancer All-In-One	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if
Skin contact :	Lung, 96 Reactions End Repair-A Tailing Enzyme Mix	symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if
	End Repair-A Tailing Buffer	symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if
	T4 DNA Ligase	symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if
	Ligation Buffer	symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if
	Adaptor Oligo Mix	symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if
	Forward Primer	symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if
	100 mM dNTP Mix (25 mM each dNTP)	symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Herculase II Fusion DNA Polymerase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	5X Herculase II Reaction Buffer	Flush contaminated skin with plenty of water. 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 medical attention if symptoms occur.
	SureSelect Wash Buffer 2	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect XT HS and XT Low Input Blocker Mix	Flush contaminated skin with plenty of water. Remove
	SureSelect Fast Hybridization Buffer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect RNase Block	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect Post-Capture Primer Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SSEL Low Input Index Primer, Plate 1, ILM	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

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SECTION 4: Firs	st aid measures	
Ingestion	: End Repair-A Tailing Enzyme 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
	End Repair-A Tailing Buffer	symptoms occur. 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.
	T4 DNA Ligase	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
	Ligation Buffer	symptoms occur. 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
	Adaptor Oligo Mix	symptoms occur. 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
	Forward Primer	symptoms occur. 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. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	5X Herculase II Reaction 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 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
	SureSelect Wash Buffer 1	symptoms occur. 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

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		of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if
		symptoms occur.
	SureSelect Fast	Wash out mouth with water. If material has been swallowed
	Hybridization Buffer	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. 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.
	SuraSalaat Daat Captura	Wash out mouth with water. If material has been swallowed
	SureSelect Post-Capture Primer Mix	
	Philler Mix	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	Wash out mouth with water. If material has been swallowed
	Primer, Plate 1, ILM	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	Wash out mouth with water. If material has been swallowed
	Input Cancer All-In-One	and the exposed person is conscious, give small quantities
	Lung, 96 Reactions	of water to drink. Do not induce vomiting unless directed to
	Eurig, ou reductions	do so by medical personnel. Get medical attention if
		symptoms occur.
Protection of first-aiders	: End Repair-A Tailing	No action shall be taken involving any personal risk or
	Enzyme Mix	without suitable training.
	End Repair-A Tailing	No action shall be taken involving any personal risk or
	Buffer	without suitable training.
	T4 DNA Ligase	No action shall be taken involving any personal risk or
		without suitable training.
	Ligation Buffer	No action shall be taken involving any personal risk or
		without suitable training.
	Adaptor Oligo Mix	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	No action shall be taken involving any personal risk or
	mM each dNTP)	without suitable training.
	Herculase II Fusion DNA	No action shall be taken involving any personal risk or
	Polymerase	without suitable training.
	5X Herculase II Reaction	No action shall be taken involving any personal risk or
	Buffer	without suitable training.
	SureSelect Binding	No action shall be taken involving any personal risk or
	Buffer	without suitable training.
	SureSelect Wash Buffer	No action shall be taken involving any personal risk or
	1	without suitable training.
	SureSelect Wash Buffer	No action shall be taken involving any personal risk or
	2	without suitable training.
	SureSelect XT HS and	No action shall be taken involving any personal risk or
	XT Low Input Blocker Mix	without suitable training.
	SureSelect Fast	No action shall be taken involving any personal risk or
	Hybridization Buffer	without suitable training.
	SureSelect RNase Block	No action shall be taken involving any personal risk or
		without suitable training.
	SureSelect Post-Capture	No action shall be taken involving any personal risk or
	Primer Mix	without suitable training.
	SSEL Low Input Index	No action shall be taken involving any personal risk or
	Primer, Plate 1, ILM	without suitable training.
		without suitable training.

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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.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact	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	No known significant effects or critical hazards.
	mM each 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	No known significant effects or critical hazards.
	SureSelect Wash Buffer	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 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 1, 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.
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 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 Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast	No known significant effects or critical hazards.
Date of issue/Date of revision	: 19/04/2022 Date of previous	issue : 07/03/2022 Version : 1.1

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	Hybridization Buffor	
	Hybridization Buffer SureSelect RNase Block	No known aignificant offects or critical bezorda
	SureSelect Post-Capture	No known significant effects or critical hazards. No known significant effects or critical hazards.
	Primer Mix	No known significant enects of childa hazards.
	SSEL Low Input Index	No known significant effects or critical hazards.
	Primer, Plate 1, ILM	no known signmount cheolo or onnou nuzurus.
	SSel XT HS and XT Low	No known significant effects or critical hazards.
	Input Cancer All-In-One	no kiowi signilioan onosio or onioarnazarao.
	Lung, 96 Reactions	
Skin contact	: End Repair-A Tailing	No known significant effects or critical hazards.
Skill contact	Enzyme Mix	No known significant enects of childar hazards.
	End Repair-A Tailing	No known significant effects or critical hazards.
	Buffer	No known significant enects of childar 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	No known significant effects or critical hazards.
	mM each dNTP)	Ŭ
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	-
	5X Herculase II Reaction	No known significant effects or critical hazards.
	Buffer	
	SureSelect Binding	No known significant effects or critical hazards.
	Buffer	
	SureSelect Wash Buffer	No known significant effects or critical hazards.
	1	
	SureSelect Wash Buffer	No known significant effects or critical hazards.
	2	
	SureSelect XT HS and	No known significant effects or critical hazards.
	XT Low Input Blocker Mix	No lugarum ainmificant affacta an anitical barranda
	SureSelect Fast	No known significant effects or critical hazards.
	Hybridization Buffer	No known cignificant officets or critical beyonds
	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	No known significant effects or critical hazards.
	Primer, Plate 1, ILM	No known significant effects of childar hazards.
	SSel XT HS and XT Low	No known significant effects or critical hazards.
	Input Cancer All-In-One	no known signilioant eneole er entioar hazarde.
	Lung, 96 Reactions	
Ingention	: End Repair-A Tailing	No known aignificant offects or critical bazarda
Ingestion	Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing	No known significant effects or critical hazards.
	Buffer	No known significant enects of childar 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	No known significant effects or critical hazards.
	mM each dNTP)	ő
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	J. J
	5X Herculase II Reaction	No known significant effects or critical hazards.
	Buffer	
	SureSelect Binding	No known significant effects or critical hazards.
	Buffer	
	SureSelect Wash Buffer	No known significant effects or critical hazards.
	1	
	SureSelect Wash Buffer	No known significant effects or critical hazards.
	2 Sume Salast XT US and	No known cignificant offerster en entitient beread
	SureSelect XT HS and	No known significant effects or critical hazards.
Date of issue/Date of revision	: 19/04/2022 Date of previous	issue : 07/03/2022 Version : 1.1 18/73

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SECTION 4: First aid measures

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	XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards. No known significant effects or critical hazards.
	SSEL Low Input Index Primer, Plate 1, ILM	No known significant effects or critical hazards.
	SSel XT HS and XT Low Input Cancer All-In-One	No known significant effects or critical hazards.
Over-exposure signs/sympto	Lung, 96 Reactions	
Eye contact :	End Repair-A Tailing Enzyme Mix End Repair-A Tailing	No specific data. No specific data.
	Buffer	
	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	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 SureSelect Post-Capture	No specific data. No specific data.
	Primer Mix SSEL Low Input Index Primer, Plate 1, 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.
	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	No specific data.

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	:	SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, 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 Binding	No specific data. No specific data.	
	:	SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, 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	No specific data. No specific data.	
	:	SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, 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	No specific data. No specific data.	
	:	SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, 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)	No specific data. No specific data.	
	:	SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, 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	No specific data. No specific data.	
	:	SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, 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	No specific data. No specific data.	
ingeotion	:	SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, 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	No specific data. No specific data. No specific data. No specific data. No specific data. No specific data.	
ingeotion	:	SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, 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	No specific data. No specific data. No specific data. No specific data. No specific data.	
ingoolion	:	SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, 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	No specific data. No specific data. No specific data. No specific data.	
ingeolon	:	SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, ILM SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions End Repair-A Tailing Enzyme Mix	No specific data. No specific data. No specific data.	
ingeotion	:	SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, ILM SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions End Repair-A Tailing	No specific data. No specific data.	
Ingestion		SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, ILM SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No specific data. No specific data.	
la se a fi a se		SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, ILM SSel XT HS and XT Low Input Cancer All-In-One	No specific data.	
		SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, ILM SSel XT HS and XT Low	No specific data.	
		SureSelect Post-Capture Primer Mix SSEL Low Input Index		
		SureSelect Post-Capture Primer Mix		
			No specific data.	
		Hybridization Buffer SureSelect RNase Block	No specific data.	
		SureSelect Fast	No specific data.	
		XT Low Input Blocker Mix		
		2 SureSelect XT HS and	No specific data.	
		SureSelect Wash Buffer	No specific data.	
		SureSelect Wash Buffer 1	No specific data.	
		Buffer		
		Buffer SureSelect Binding	No specific data.	
		Polymerase 5X Herculase II Reaction	No specific data.	
		Herculase II Fusion DNA	No specific data.	
		mM each dNTP)		
		100 mM dNTP Mix (25	No specific data.	
		Forward Primer	No specific data.	
		Adaptor Oligo Mix	No specific data.	
		Ligation Buffer	No specific data.	
		Buffer T4 DNA Ligase	No specific data.	
		End Repair-A Tailing	No specific data.	
C Sontast		Enzyme Mix		
Skin contact		Lung, 96 Reactions End Repair-A Tailing	No specific data.	
		Input Cancer All-In-One		
		SSel XT HS and XT Low	No specific data.	
		SSEL Low Input Index Primer, Plate 1, ILM	No specific data.	
		Primer Mix		
		SureSelect RNase Block SureSelect Post-Capture	No specific data. No specific data.	
		Hybridization Buffer	N	
		XT Low Input Blocker Mix SureSelect Fast	No specific data.	
		SureSelect XT HS and	No specific data.	
		SureSelect Wash Buffer 2	No specific data.	
		1 Sura Calact Weak Duffer	No enecific data	

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Buffer	
SureSelect Wash Buffer 1	No specific data.
SureSelect Wash Buffer 2	No specific data.
SureSelect XT HS and	No specific data.
XT Low Input Blocker Mix	
SureSelect Fast	No specific data.
Hybridization Buffer	
SureSelect RNase Block	No specific data.
SureSelect Post-Capture	No specific data.
Primer Mix	
SSEL Low Input Index	No specific data.
Primer, Plate 1, ILM	
SSel XT HS and XT Low	No specific data.
Input Cancer All-In-One	
Lung, 96 Reactions	

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer	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	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Ligation Buffer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Adaptor Oligo Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Forward Primer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	100 mM dNTP Mix (25 mM each dNTP)	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.
	Herculase II Fusion DNA	Treat symptomatically. Contact poison treatment specialist
	Polymerase	immediately if large quantities have been ingested or inhaled.
	5X Herculase II Reaction	In case of inhalation of decomposition products in a fire,
	Buffer	symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	SureSelect Binding Buffer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been 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	Treat symptomatically. Contact poison treatment specialist
	2	immediately if large quantities have been ingested or inhaled.
	SureSelect XT HS and	Treat symptomatically. Contact poison treatment specialist
	XT Low Input Blocker Mix	
	SureSelect Fast Hybridization Buffer	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	SureSelect RNase Block	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, ILM SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	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.

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SECTION 4: First aid measures

Specific treatments	: End Repair-A Tailing	No specific treatment.
	Enzyme Mix	
	End Repair-A Tailing	No specific treatment.
	Buffer	
	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	No specific treatment.
	mM each dNTP)	No. and a 16 of the state of the
	Herculase II Fusion DNA Polymerase	No specific treatment.
	5X Herculase II Reaction	No specific treatment.
	Buffer	
	SureSelect Binding	No specific treatment.
	Buffer SureSelect Wash Buffer	No specific treatment
		No specific treatment.
	SureSelect Wash Buffer	No specific treatment.
	2	-
	SureSelect XT HS and	No specific treatment.
	XT Low Input Blocker Mix	
	SureSelect Fast	No specific treatment.
	Hybridization Buffer	
	SureSelect RNase Block	No specific treatment.
	SureSelect Post-Capture	No specific treatment.
	Primer Mix	
	SSEL Low Input Index	No specific treatment.
	Primer, Plate 1, ILM	N. C. Start (1997) And Annual A
	SSel XT HS and XT Low	No specific treatment.
	Input Cancer All-In-One	
	Lung, 96 Reactions	

5.1 Extinguishing media		
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 Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP)	Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the surrounding fire.
		Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the surrounding fire.
	Reaction Buffer SureSelect Binding Buffer	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Wash Buffer	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Wash Buffer 2	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 Buffer	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect RNase Block	Use an extinguishing agent suitable for the surrounding fire.
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SECTION 5: Firefighting measures

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	SureSelect Post- Capture Primer Mix	Use an extinguishing agent suitable for the surrounding fire.
	SSEL Low Input Index Primer, Plate 1, ILM	Use an extinguishing agent suitable for the surrounding fire.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: End Repair-A Tailing Enzyme Mix	None known.
	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 1, ILM	None known.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase	In a fire or if heated, a pressure increase will occur and the container may burst. In a fire or if heated, a pressure increase will occur and the container may burst. 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 and the container may burst.
	Adaptor Oligo Mix	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 Polymerase	In a fire or if heated, a pressure increase will occur and the container may burst.
	5X Herculase II Reaction Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Binding	In a fire or if heated, a pressure increase will occur and the

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	Buffer	container may burst.
	SureSelect Wash Buffer	In a fire or if heated, a pressure increase will occur and the
	1 Ourse Oala at March Duffer	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	In a fire or if heated, a pressure increase will occur and the
	XT Low Input Blocker Mix	container may burst.
	SureSelect Fast	In a fire or if heated, a pressure increase will occur and the
	Hybridization Buffer	container may burst.
	SureSelect RNase Block	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Post-	In a fire or if heated, a pressure increase will occur and the
	Capture Primer Mix	container may burst.
	SSEL Low Input Index	In a fire or if heated, a pressure increase will occur and the
	Primer, Plate 1, ILM	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 combustion : products	End Repair-A Tailing Enzyme Mix	Decomposition products may include the following materials:
	-	carbon dioxide
	End Donoir A Toiling	carbon monoxide
	End Repair-A Tailing Buffer	Decomposition products may include the following materials:
	Buildi	carbon dioxide
		carbon monoxide
		nitrogen oxides
		halogenated compounds metal oxide/oxides
	T4 DNA Ligase	Decomposition products may include the following materials:
	5	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 dNTP)	Decomposition products may include the following materials:
		carbon dioxide
		carbon monoxide nitrogen oxides
		phosphorus oxides
	Herculase II Fusion DNA Polymerase	Decomposition products may include the following materials:
		carbon dioxide
	5X Herculase II	carbon monoxide Decomposition products may include the following materials:
	Reaction Buffer	carbon dioxide
		carbon monoxide
		nitrogen oxides
		sulfur oxides
	SureSelect Binding	metal oxide/oxides Decomposition products may include the following materials:
	Buffer	Decomposition products may include the following materials.
		halogenated compounds
		metal oxide/oxides
	SureSelect Wash Buffer	No specific data.
	। SureSelect Wash Buffer	No specific data.
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	ing model of	
	2 SureSelect XT HS and XT Low Input Blocker Mix	No specific data.
	SureSelect Fast Hybridization Buffer	Decomposition products may include the following 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 Mix	No specific data.
	SSEL Low Input Index Primer, Plate 1, ILM	No specific data.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Decomposition products may include the following materials:
		carbon dioxide carbon monoxide
5.3 Advice for firefighters		
Special precautions for fire-fighters	: End Repair-A Tailing Enzyme 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.
	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 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 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 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
	100 mM dNTP Mix (25 mM each dNTP)	taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be
	Herculase II Fusion DNA Polymerase	taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	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 without suitable training.
	SureSelect Binding Buffer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be
	SureSelect Wash Buffer 1	taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be
	SureSelect Wash Buffer 2	taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

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- - -		
	SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization 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. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be
	SureSelect RNase Block	taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be
	SureSelect Post- Capture Primer Mix	taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SSEL Low Input Index Primer, Plate 1, ILM	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.
	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 pressure mode. Clothing for
	End Repair-A Tailing Buffer	fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a
	T4 DNA Ligase	basic level of protection for chemical incidents. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full
	Ligation Buffer	face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves)
	Adaptor Oligo Mix	conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a
	Forward Primer	basic level of protection for chemical incidents. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves)
	100 mM dNTP Mix (25 mM each dNTP)	conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a
	Herculase II Fusion DNA Polymerase	basic level of protection for chemical incidents. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full
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	face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
5X Herculase II	Fire-fighters should wear appropriate protective equipment
Reaction Buffer	and self-contained breathing apparatus (SCBA) with a full
	face-piece operated in positive pressure mode. Clothing for
	fire-fighters (including helmets, protective boots and gloves)
	conforming to European standard EN 469 will provide a
	basic level of protection for chemical incidents.
SureSelect Binding	Fire-fighters should wear appropriate protective equipment
Buffer	and self-contained breathing apparatus (SCBA) with a full
	face-piece operated in positive pressure mode. Clothing for
	fire-fighters (including helmets, protective boots and gloves)
	conforming to European standard EN 469 will provide a
	basic level of protection for chemical incidents.
SureSelect Wash Buff	
1	and self-contained breathing apparatus (SCBA) with a full
	face-piece operated in positive pressure mode. Clothing for
	fire-fighters (including helmets, protective boots and gloves)
	conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect Wash Buff	
2	and self-contained breathing apparatus (SCBA) with a full
-	face-piece operated in positive pressure mode. Clothing for
	fire-fighters (including helmets, protective boots and gloves)
	conforming to European standard EN 469 will provide a
	basic level of protection for chemical incidents.
SureSelect XT HS and	
XT Low Input Blocker	and self-contained breathing apparatus (SCBA) with a full
Mix	face-piece operated in positive pressure mode. Clothing for
	fire-fighters (including helmets, protective boots and gloves)
	conforming to European standard EN 469 will provide a
SureSelect Fast	basic level of protection for chemical incidents. Fire-fighters should wear appropriate protective equipment
Hybridization Buffer	and self-contained breathing apparatus (SCBA) with a full
Trybridization Buller	face-piece operated in positive pressure mode. Clothing for
	fire-fighters (including helmets, protective boots and gloves)
	conforming to European standard EN 469 will provide a
	basic level of protection for chemical incidents.
SureSelect RNase Blo	
	and self-contained breathing apparatus (SCBA) with a full
	face-piece operated in positive pressure mode. Clothing for
	fire-fighters (including helmets, protective boots and gloves)
	conforming to European standard EN 469 will provide a
Curra Calla at Da at	basic level of protection for chemical incidents.
SureSelect Post-	Fire-fighters should wear appropriate protective equipment
Capture Primer Mix	and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for
	fire-fighters (including helmets, protective boots and gloves)
	conforming to European standard EN 469 will provide a
	basic level of protection for chemical incidents.
SSEL Low Input Index	
Primer, Plate 1, ILM	and self-contained breathing apparatus (SCBA) with a full
-	face-piece operated in positive pressure mode. Clothing for
	fire-fighters (including helmets, protective boots and gloves)
	conforming to European standard EN 469 will provide a
	basic level of protection for chemical incidents.
SSel XT HS and XT Lo	o 11 1 1 1 1 1
Input Cancer All-In-On	
Lung, 96 Reactions	face-piece operated in positive pressure mode. Clothing for
	fire-fighters (including helmets, protective boots and gloves)

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SECTION 5: Firefighting measures

conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency : personnel	End Repair-A Tailing Enzyme Mix	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on
	End Repair-A Tailing 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 spilt material. Put on
	T4 DNA Ligase	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 spilt material. Put on
	Ligation 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 spilt material. Put on
	Adaptor Oligo Mix	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 spilt material. Put on
	Forward Primer	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 spilt 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 spilt 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 spilt material. Put on
	5X Herculase II Reaction 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 spilt 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 spilt 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 spilt material. Put on
	SureSelect Wash Buffer	appropriate personal protective equipment. No action shall be taken involving any personal risk or

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	2	without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on	
	SureSelect XT HS and XT Low Input Blocker Mix	Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on	
	SureSelect Fast Hybridization 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 spilt material. Put on	
	SureSelect RNase Block	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.	
	SureSelect Post-Capture Primer Mix	Do not touch or walk through spilt 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 spilt material. Put on	
	SSEL Low Input Index Primer, Plate 1, ILM	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 spilt material. Put on	
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	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 spilt material. Put on appropriate personal protective equipment.	
For emergency responders	: End Repair-A Tailing Enzyme Mix	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-	
	End Repair-A Tailing Buffer	emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-	
	T4 DNA Ligase	emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-	
	Ligation Buffer	emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-	
	Adaptor Oligo Mix	emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-	
	Forward Primer	emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-	
	100 mM dNTP Mix (25 mM each dNTP)	emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".	

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	dental release measure Herculase II Fusion DNA	If specialised clothing is required to deal with the spillage,
	Polymerase	take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-
	5X Herculase II Reaction Buffer	emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-
	SureSelect Binding Buffer	emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-
	SureSelect Wash Buffer 1	emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- omergency personnel"
	SureSelect Wash Buffer 2	emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".
	SureSelect XT HS and XT Low Input Blocker Mix	If specialised clothing is required to deal with the spillage,
	SureSelect Fast Hybridization Buffer	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".
	SureSelect RNase Block	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".
	SureSelect Post-Capture Primer Mix	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".
	SSEL Low Input Index Primer, Plate 1, ILM	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".
6.2 Environmental precautions	: End Repair-A Tailing Enzyme Mix	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	End Repair-A Tailing Buffer	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	T4 DNA Ligase	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	Ligation Buffer	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

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SECTION 6: Accidental release measures

. Accidental release measure	;5
Adaptor Oligo Mix	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution
	(sewers, waterways, soil or air).
Forward Primer	Avoid dispersal of spilt material and runoff and contact with
I of ward I filler	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	Avoid dispersal of spilt material and runoff and contact with
mM each dNTP)	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 spilt material and runoff and contact with
Polymerase	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	Avoid dispersal of spilt material and runoff and contact with
Buffer	soil, waterways, drains and sewers. Inform the relevant
	authorities if the product has caused environmental pollution
	(sewers, waterways, soil or air).
SureSelect Binding	Avoid dispersal of spilt material and runoff and contact with
Buffer	soil, waterways, drains and sewers. Inform the relevant
	authorities if the product has caused environmental pollution
SureSelect Wash Buffer	(sewers, waterways, soil or air).
	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant
I	authorities if the product has caused environmental pollution
	(sewers, waterways, soil or air).
SureSelect Wash Buffer	Avoid dispersal of spilt material and runoff and contact with
2	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	Avoid dispersal of spilt material and runoff and contact with
XT Low Input Blocker Mix	soil, waterways, drains and sewers. Inform the relevant
	authorities if the product has caused environmental pollution
	(sewers, waterways, soil or air).
SureSelect Fast	Avoid dispersal of spilt material and runoff and contact with
Hybridization Buffer	soil, waterways, drains and sewers. Inform the relevant
	authorities if the product has caused environmental pollution
SureSelect RNase Block	(sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with
Sureselect Timase Diock	soil, waterways, drains and sewers. Inform the relevant
	authorities if the product has caused environmental pollution
	(sewers, waterways, soil or air).
SureSelect Post-Capture	Avoid dispersal of spilt material and runoff and contact with
Primer Mix	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	Avoid dispersal of spilt material and runoff and contact with
Primer, Plate 1, ILM	soil, waterways, drains and sewers. Inform the relevant
	authorities if the product has caused environmental pollution
	(sewers, waterways, soil or air).
SSel XT HS and XT Low	Avoid dispersal of spilt material and runoff and contact with
Input Cancer All-In-One	soil, waterways, drains and sewers. Inform the relevant
Lung, 96 Reactions	authorities if the product has caused environmental pollution
	(sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up

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Methods for cleaning up	: End Repair-A Tailing	Stop leak if without risk. Move containers from spill area.
include for clouding up	Enzyme Mix	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
	T4 DNA Ligase	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
	Ligation Buffer	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
	Adaptor Oligo Mix	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
	Forward Primer	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
	100 mM dNTP Mix (25 mM each dNTP)	 place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose
	Herculase II Fusion DNA Polymerase	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
	5X Herculase II Reaction Buffer	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
	SureSelect Binding Buffer	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
	SureSelect Wash Buffer 1	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
	SureSelect Wash Buffer 2	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
	SureSelect XT HS and XT Low Input Blocker Mix	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,

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		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 Fast	Stop leak if without risk. Move containers from spill area.
	Hybridization Buffer	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	Stop leak if without risk. Move containers from spill area.
	Primer Mix	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.
	SSEL Low Input Index	Stop leak if without risk. Move containers from spill area.
	Primer, Plate 1, ILM	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.
	SSel XT HS and XT Low	Stop leak if without risk. Move containers from spill area.
	Input Cancer All-In-One	Dilute with water and mop up if water-soluble. Alternatively,
	Lung, 96 Reactions	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.
A Poforonco to other	Soo Soction 1 for omorgan	nov contact information

6.4 Reference to other	4	See Section 1 for emergency contact information.
sections		See Section 8 for information on appropriate personal protective equipment.
		See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

7.1 Precautions for sale fi	•	
Protective measures	: End Repair-A Tailing Enzyme Mix	Put on appropriate personal protective equipment (see Section 8).
	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).
	Ligation Buffer	Put on appropriate personal protective equipment (see Section 8).
	Adaptor Oligo Mix	Put on appropriate personal protective equipment (see Section 8).
	Forward Primer	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).
	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	Put on appropriate personal protective equipment (see

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SECTION 7: Handling and storage XT Low Input Blocker Mix Section 8). SureSelect Fast Put on appropriate personal protective equipment (see Hybridization Buffer Section 8). SureSelect RNase Block Put on appropriate personal protective equipment (see Section 8). SureSelect Post-Capture Put on appropriate personal protective equipment (see Primer Mix Section 8). SSEL Low Input Index Put on appropriate personal protective equipment (see Primer, Plate 1, ILM Section 8). SSel XT HS and XT Low Put on appropriate personal protective equipment (see Input Cancer All-In-One Section 8). Lung, 96 Reactions : End Repair-A Tailing Eating, drinking and smoking should be prohibited in areas Advice on general where this material is handled, stored and processed. occupational hygiene Enzyme Mix 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. End Repair-A Tailing Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Buffer 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 T4 DNA Ligase 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. Ligation 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. Adaptor Oligo 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. Forward Primer Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. 100 mM dNTP Mix (25 Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. mM each dNTP) 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. Herculase II Fusion DNA Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Polymerase 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 Eating, drinking and smoking should be prohibited in areas

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SECTION 7: Handling and storage

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	Buffer	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 for additional information on hygiene measures.
	SSEL Low Input Index Primer, Plate 1, ILM	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.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Date of issue/Date of revision : 19/04/2022 Date of previous issue	: 07/03/2022	Version : 1.1	35/73
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SECTION 7: Handling and storage				
Storage	: End Repair-A Tailing Enzyme Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.		
	End Repair-A Tailing Buffer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials		
	T4 DNA Ligase	before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.		
	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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.		
	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 unlabelled 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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.		
Date of issue/Date of rovision	100 mM dNTP Mix (25 mM each dNTP)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and		

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SECTION 7: Handling and storage	
	well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
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 unlabelled 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 unlabelled 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 until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect Wash Buffer 1	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect Wash Buffer 2	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect XT HS and XT Low Input Blocker 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

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SureSelect Fast Hybridization Buffer	closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect RNase Block	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect Post-Capture Primer Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SSEL Low Input Index Primer, Plate 1, 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 unlabelled 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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)

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SECTION 7: Handling and storage

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

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SSel XT HS and XT Low Not available. Input Cancer All-In-One Lung, 96 Reactions

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
End Repair-A Tailing Enzyme Mix	
Glycerol	NAOSH (Ireland, 1/2020).
	OELV-8hr: 10 mg/m ³ 8 hours. Form: mist
T4 DNA Ligase	
Glycerol	NAOSH (Ireland, 1/2020).
,	OELV-8hr: 10 mg/m ³ 8 hours. Form: mist
Ligation Buffer Glycerol	NAOSH (Iroland 1/2020)
Giycerol	NAOSH (Ireland, 1/2020). OELV-8hr: 10 mg/m³ 8 hours. Form: mist
Herculase II Fusion DNA Polymerase	
Glycerol	NAOSH (Ireland, 1/2020).
	OELV-8hr: 10 mg/m ³ 8 hours. Form: mist
SureSelect RNase Block	
Glycerol	NAOSH (Ireland, 1/2020).
	OELV-8hr: 10 mg/m ³ 8 hours. Form: mist
SSel XT HS and XT Low Input Cancer All	I-In-
One Lung, 96 Reactions Glycerol	NAOSH (Ireland, 1/2020).
Clycerol	OELV-8hr: 10 mg/m ³ 8 hours. Form: mist
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	uct contains ingredients with exposure limits, personal, workplace e or biological monitoring may be required to determine the effectiveness of
	ion or other control measures and/or the necessity to use respiratory
	equipment. Reference should be made to monitoring standards, such as the
	European Standard EN 689 (Workplace atmospheres - Guidance for the
	nt of exposure by inhalation to chemical agents for comparison with limit
	measurement strategy) European Standard EN 14042 (Workplace
	es - Guide for the application and use of procedures for the assessment of
	o chemical and biological agents) European Standard EN 482 (Workplace
atmosphere	es - General requirements for the performance of procedures for the

DNELs/DMELs

Product/ingredient name	Туре	Exposure	Value	Population	Effects
5X Herculase II Reaction Buffer					
Trometamol	DNEL	Long term Oral	8.3 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	29 mg/m ³	General population	Systemic
	DNEL	Long term Dermal	83.3 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	117.5 mg/ m³	Workers	Systemic
	DNEL	Long term Dermal	166.7 mg/ kg bw/day	Workers	Systemic
Date of issue/Date of revision : 19/04/20		Long term Dermal	U U		Systemic

measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

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SECTION 8: Exposure controls/personal protection

SECTION 6. Exposure	control3/	personal prote			
Ammonium sulphate	DNEL	Long term	1.667 mg/	General	Systemic
		Inhalation	m³	population	
	DNEL	Long term Oral	6.4 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Long term	11.167 mg/	Workers	Systemic
		Inhalation	m³	_	
	DNEL	Long term Dermal	12.8 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Long term Dermal	42.667 mg/	Workers	Systemic
			kg bw/day		
SureSelect Binding Buffer					
Sodium chloride	DNEL	Short term Oral	126.65 mg/	General	Systemic
			kg bw/day	population	
	DNEL	Long term Oral	126.65 mg/	General	Systemic
			kg bw/day	population	
	DNEL	Short term Dermal	126.65 mg/	General	Systemic
			kg bw/day	population	
	DNEL	Long term Dermal	126.65 mg/	General	Systemic
			kg bw/day	population	
	DNEL	Short term Dermal	295.52 mg/	Workers	Systemic
			kg bw/day		
	DNEL	Long term Dermal	295.52 mg/	Workers	Systemic
			kg bw/day		
	DNEL	Short term	443.28 mg/	General	Systemic
		Inhalation	m ³	population	
	DNEL	Long term	443.28 mg/	General	Systemic
		Inhalation	m ³	population	
	DNEL	Short term	2068.62	Workers	Systemic
	DNE	Inhalation	mg/m ³	14/	
	DNEL	Long term	2068.62	Workers	Systemic
		Inhalation	mg/m³		

PNECs

No PNECs available

8.2 Exposure controls	
Appropriate engineering controls	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Individual protection meas	<u>ures</u>
Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Skin protection	
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Body protection	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

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SECTION 8: Exposure controls/personal protection

Other skin protection	:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	:	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
Environmental exposure controls	:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

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

9.1 Information on basic physical and chemical properties

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

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SECTION 9: Physical and chemical properties

<u> </u>			
	Polymerase		
	5X Herculase II Reaction	Not available.	
	Buffer SureSelect Binding	Not available.	
	Buffer		
	SureSelect Wash Buffer	Not available.	
	1 SureSelect Wash Buffer	Not available.	
	2		
	SureSelect XT HS and XT Low Input Blocker Mix	Not available.	
	SureSelect Fast	Not available.	
	Hybridization Buffer	Netevoilable	
	SureSelect RNase Block	Not available. Not available.	
	SureSelect Post-Capture Primer Mix	Not available.	
	SSEL Low Input Index	Not available.	
	Primer, Plate 1, ILM		
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not available.	
Odour :	End Repair-A Tailing	Not available.	
	Enzyme Mix		
	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	Not available.	
	mM each dNTP)		
	Herculase II Fusion DNA	Not available.	
	Polymerase		
	5X Herculase II Reaction	Not available.	
	Buffer SureSelect Binding	Not available.	
	Buffer	Not available.	
	SureSelect Wash Buffer	Not available.	
	1		
	SureSelect Wash Buffer 2	Not available.	
	SureSelect XT HS and	Not available.	
	XT Low Input Blocker Mix SureSelect Fast	Not available.	
	Hybridization Buffer		
	SureSelect RNase Block	Not available.	
	SureSelect Post-Capture	Not available.	
	Primer Mix SSEL Low Input Index	Not available.	
	Primer, Plate 1, ILM	Not available.	
	SSel XT HS and XT Low	Not available.	
	Input Cancer All-In-One		
	Lung, 96 Reactions		
Odour 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	Not available.	
Date of issue/Date of revision	: 19/04/2022 Date of previous		Version : 1.1

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SECTION 9: Physical and chemical properties

	mM each dNTP) Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer	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 1, ILM	Not available.
	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	Not available.
point	End Repair-A Tailing Buffer	0°C
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	0°C
	Forward Primer	0°C
	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	0°C
	SureSelect Wash Buffer 2	0°C
	SureSelect XT HS and XT Low Input Blocker Mix	0°C
	SureSelect Fast Hybridization Buffer	Not available.
	SureSelect RNase Block SureSelect Post-Capture Primer Mix	Not available. 0°C
	SSEL Low Input Index Primer, Plate 1, ILM	0°C
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	0°C
	,	

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SECTION 9: Physical and chemical properties

Flammability (solid, gas) Enzyme Mix. Enzyme Mix. 100°C (212°F) Buffer Not available. Adaptor Oligo Mix. 100°C (212°F) Forward Primer 100°C (212°F) 100 mid AlTPO Herculase II Reaction Buffer SureSelect Binding SureSelect Binding Not available. SureSelect Wash Buffer 100°C (212°F) 2 SureSelect Wash Buffer SureSelect Wash Buffer 100°C (212°F) 2 SureSelect Wash Buffer 100°C (212°F) 100°C (212°F) 2 SureSelect Wash Buffer 100°C (212°F) 2 SureSelect Wash Buffer 100°C (212°F) 2 SureSelect Mark Buffer 100°C (212°F) 2 SureSelect Mark Buffer 100°C (212°F) 2 SureSelect Mark Buffer 100°C (212°F) 100°C (212°F) 100°C (212°F) 100°C (212°F) 2 SureSelect Mark Buffer 100°C (212°F) 100°C (212°F) 100°C (212°F) 100°C (212°F) 2 SureSelect And XT Low 100°C (212°F) Primer Mix SSEL Low Input Index <th>Initial boiling point and</th> <th>: End Repair-A Tailing</th> <th>Not available.</th> <th></th>	Initial boiling point and	: End Repair-A Tailing	Not available.	
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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 1, ILM		SureSelect Wash Buffer 1	Not applicable.	
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Primer Mix SSEL Low Input Index Not applicable. Primer, Plate 1, ILM			• •	
Primer, Plate 1, ILM		Primer Mix		
			Not applicable.	
			Not applicable.	

SureSelect XT Low Input Reagent kit, index 1-96 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9707R

SECTION 9: Physical and chemical properties

Upper/lower flammability : End Repair-A Tailing Not available. enzyme Mix Enzyme Mix Not available. guffer T4 DNA Ligase Not available. Ligation Buffer Not available. Ligation Buffer Adaptor Oligo Mix Not available. Forward Primer Not available. 100 mM dNTP Mix (25 Not available. mM each dNTP) Herculase II Fusion DNA Herculase II Reaction Not available. Buffer SureSelect Binding SureSelect Binding Not available. SureSelect Wash Buffer Not available. 1 SureSelect Wash Buffer Not available. 2 SureSelect XT HS and Not available. Mybridization Buffer Not available. Not available. SureSelect Fast Not available. Not available. Mybridization Buffer SureSelect Rivase Block Not available. SureSelect TA HS and X Low Not available. Not available. Mybridization Buffer Not available. Not available. Sel Low Input Index Primer Mix Not available. <	,	Input Cancer All-In-C Lung, 96 Reactions	•					
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Primer, Plate 1, ILM Not available. Input Cancer All-In-One Input Cancer All-In-One Flash point Closed cup Open cup Ingredient name °C °F Method °C °F Method Fid Repair-A Tailing Enzyme Mix >110 >230 177 350.6 Giverol Ingredient name >110 >230 177 350.6 End Repair-A Tailing Buffer >110 >230 177 350.6 Ingreciptobutane- 2,3-diol >110 >230 177 350.6				let eveileble				
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Input Cancer All-In-One Lung, 96 Reactions Flash point Closed cup Open cup Ingredient name °C °F Method °C °F Method Fid Repair-A Tailing Enzyme Mix P110 >230 177 350.6 177 350.6 End Repair-A Tailing Buffer P110 >230 177 350.6 177 350.6 T 4 DNA Ligase P110 >230 177 350.6 177 350.6 Glycerol P110 >230 177 350.6 177 177 350.6 Ligation Buffer P110 >230 177 350.6 177								
Flash point : Flash point : Tagredient name Closed cup Open cup Ingredient name Closed cup Open cup Ingredient name Closed cup Open cup Cmp Cmp Cmp Cmp Cmp Cmp Cmp Cmp Cmp Cm					•			
Ingredient name°C°FMethod°C°FMethodFrid Repair-A Tailing Enzyme Mix>230177350.6(R*,R*) -1,4-Dimercaptobutane- 2,3-diol>110>230177350.6End Repair-A Tailing Buffer (R*,R*) -1,4-Dimercaptobutane- 2,3-diol>110>230177350.6Index (R*,R*) -1,4-Dimercaptobutane- 2,3-diol>110>230177350.6Index (R*,R*) -1,4-Dimercaptobutane- 2,3-diol>110>230177350.6Index (R*,R*) -1,4-Dimercaptobutane- 2,3-diol>110>230177350.6								
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Enzyme Mix -1,4-Dimercaptobutane-2,3-diol >110 >230 177 350.6 Glycerol 177 350.6 177 177 177 177 Buffer -1,4-Dimercaptobutane-2,3-diol -110 >230 177 350.6 Fnd Repair-A Tailing Buffer -110 >230 -177 350.6 (R*,R*) -1,4-Dimercaptobutane-2,3-diol >100 >230 177 350.6 (R*,R*) -1,4-Dimercaptobutane-2,3-diol >110 >230 177 350.6 (R*,R*) -1,4-Dimercaptobutane-2,3-diol >110 >230 177 350.6 Ligation Buffer -110 >230 177 350.6 177		Ingredient name	°C	°F	Method	°C	°F	Method
-1.4-Dimercaptobutane- 2,3-diol 177 350.6 Glycerol 177 350.6 End Repair-A Tailing Buffer -14.0-Dimercaptobutane- 1.4.4-Dimercaptobutane- 2,3-diol >110 >230 T4 DNA Ligase -14.4-Dimercaptobutane- 2,3-diol >110 >230 177 350.6 Ligation Buffer -1,4-Dimercaptobutane- 2,3-diol >110 >230 177 350.6 Ligation Buffer -1,4-Dimercaptobutane- 1,4-Dimercaptobutane- >110 >230 177 350.6								
End Repair-A Tailing Buffer>110>230 $(\mathbb{R}^*, \mathbb{R}^*)$ -1,4-Dimercaptobutane- 2,3-diol>110>230T4 DNA Ligase $(\mathbb{R}^*, \mathbb{R}^*)$ -1,4-Dimercaptobutane- 2,3-diol>110>230Image: Image: Ima		-1,4-Dimercaptobutane-	>110	>230				
Buffer>10>230 $(\mathbb{R}^*, \mathbb{R}^*)$ -1,4-Dimercaptobutane- 2,3-diol>110>230 $\mathbf{T4}$ DNA Ligase>10>230 $(\mathbb{R}^*, \mathbb{R}^*)$ -1,4-Dimercaptobutane- 2,3-diol>110>230GlycerolImage: Constraint of the second		Glycerol				177	350.6	
-1,4-Dimercaptobutane- 2,3-diol T4 DNA Ligase (R*,R*) -1,4-Dimercaptobutane- 2,3-diol Glycerol Ligation Buffer (R*,R*) -1,4-Dimercaptobutane- 230 110 230 177 350.6								
$ \begin{pmatrix} (R^*, R^*) \\ -1, 4-Dimercaptobutane- \\ 2, 3-diol \\ Glycerol \\ Ligation Buffer \\ (R^*, R^*) \\ -1, 4-Dimercaptobutane- \end{pmatrix} > 110 > 230 $ 177 350.6		-1,4-Dimercaptobutane-	>110	>230				
-1,4-Dimercaptobutane- 2,3-diol Glycerol Ligation Buffer (R*,R*) -1,4-Dimercaptobutane- >110 >230		T4 DNA Ligase						
Ligation Buffer (R*,R*) -1,4-Dimercaptobutane- >110 >230		-1,4-Dimercaptobutane-	>110	>230				
(R*,R*) -1,4-Dimercaptobutane-		Glycerol				177	350.6	
-1,4-Dimercaptobutane-								
Date of issue/Date of revision : 19/04/2022 Date of previous issue : 07/03/2022 Version : 1.1 46/7		-						
		(R*,R*)	>110	>230				

SureSelect XT Low Input Reagent kit, index 1-96 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9707R

SECTION 9: Physical and chemical properties

Date of issue/Date of revision

2,3-diol						
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				
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 51758			
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 51758			
SSEL Low Input Index Primer, Plate 1, ILM						
Edetic acid	>100	>212	DIN 51758			

SureSelect XT Low Input Reagent kit, index 1-96 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9707R

	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions				
	Edetic acid	>100	>212	DIN 51758	
	(R*,R*) -1,4-Dimercaptobutane-	>110	>230		
	2,3-diol				
Ito-ignition	: Ingredient name		°C	°F	Method
nperature	End Repair-A Tailing En	zyme Mix			
	Glycerol		370	698	
	T4 DNA Ligase				
	Glycerol		370	698	
	Ligation Buffer	Ligation Buffer			
	Polyethylene glycol	Polyethylene glycol			
	Glycerol	Glycerol			
	Adaptor Oligo Mix	Adaptor Oligo Mix			
	Edetic acid	Edetic acid			VDI 2263
	Forward Primer				
	Edetic acid	Edetic acid			VDI 2263
	100 mM dNTP Mix (25 m dNTP)	100 mM dNTP Mix (25 mM each dNTP)			
	Edetic acid	Edetic acid			VDI 2263
	Herculase II Fusion DNA	A Polymera	ISE		
	Glycerol	Glycerol			
	Edetic acid	Edetic acid			VDI 2263
	SureSelect Binding Buf	SureSelect Binding Buffer			
	Edetic acid	Edetic acid			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 X Blocker Mix	SureSelect XT HS and XT Low Input Blocker Mix			
	Edetic acid		>400	>752	VDI 2263
	SureSelect RNase Block	k			
	Glycerol		370	698	
	4-(2-Hydroxyethyl)piperaz 1-ylethanesulphonic acid	zin-	>400	>752	EU A.16

SureSelect XT Low Input Reagent kit, index 1-96 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9707R

	sical and chemical prop						
	SureSelect Post-Capture Prim	er Mix					
	Edetic acid	>400	>752	VDI 2263			
	SSEL Low Input Index Primer,	Plate 1,					
	ILM						
	Edetic acid	>400	>752	VDI 2263			
		_					
	SSel XT HS and XT Low Input All-In-One Lung, 96 Reactions	Cancer					
		270	CO 2				
	Glycerol	370	698				
	4-(2-Hydroxyethyl)piperazin- 1-ylethanesulphonic acid	>400	>752	EU A.16			
Decomposition		Not available.					
temperature	: End Repair-A Tailing Enzyme Mix	NUL avallable.					
tomporataro	End Repair-A Tailing	Not available.					
	Buffer						
	T4 DNA Ligase	Not available.					
	Ligation Buffer	Not available.					
	Adaptor Oligo Mix	Not available.					
	Forward Primer	Not available.					
	100 mM dNTP Mix (25 Not available. mM each dNTP)						
		Herculase II Fusion DNA Not available.					
	Polymerase	NUL avaliable.					
	5X Herculase II Reaction	Not available.					
	Buffer						
	SureSelect Binding	Not available.					
	Buffer						
	SureSelect Wash Buffer	Not available.					
	1 SuraSalaat Waab Buffar	Not ovoilable					
	SureSelect Wash Buffer 2	Not available.					
	SureSelect XT HS and	Not available.					
	XT Low Input Blocker Mix						
	SureSelect Fast	Not available.					
	Hybridization Buffer						
	SureSelect RNase Block	Not available.					
	SureSelect Post-Capture	Not available.					
	Primer Mix	Natavailable					
	SSEL Low Input Index Primer, Plate 1, ILM	Not available.					
	SSel XT HS and XT Low	Not available.					
	Input Cancer All-In-One						
	Lung, 96 Reactions						
рН	: End Repair-A Tailing	6.5					
	Enzyme Mix	0.0					
	End Repair-A Tailing	8					
	Buffer						
	T4 DNA Ligase	7.5					
	Ligation Buffer	8					
	Adaptor Oligo Mix	7.5					
	Forward Primer	7.5 7.5					
	100 mM dNTP Mix (25 mM each dNTP)	1.5					
	Herculase II Fusion DNA	8.2					
	Polymerase	J.L					
	5X Herculase II Reaction	9.5 to 10.5					
	Buffer	-					
	SureSelect Binding	7.5					

SureSelect XT Low Input Reagent kit, index 1-96 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9707R

SECTION 9: Physical and chemical properties

	Buffer	
	SureSelect Wash Buffer	7.5
	SureSelect Wash Buffer	7
	_ SureSelect XT HS and	7.5
	XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer	Not available.
	SureSelect RNase Block	7.6
	SureSelect Post-Capture Primer Mix	7.5
	SSEL Low Input Index Primer, Plate 1, ILM	7.5
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not available.
Viscosity	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	Not available.
	mM each dNTP)	
	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 1, ILM	Not available.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not available.
Solubility(ies)	End Repair-A Tailing Enzyme Mix	Easily soluble in the following materials: cold water and hot 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.
	Forward Primer	Easily soluble in the following materials: cold water and hot water.

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SureSelect XT Low Input Reagent kit, index 1-96 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9707R

SECTION 9: Physical and chemical properties

OPOLION 3: 1 Hysica		
	100 mM dNTP Mix (25 mM each dNTP)	Easily soluble in the following materials: cold water and hot water.
	Herculase II Fusion DNA	Easily soluble in the following materials: cold water and hot
	Polymerase 5X Herculase II Reaction	water. Easily soluble in the following materials: cold water and hot
	Buffer SureSelect Binding Buffer	water. Easily soluble in the following materials: cold water and hot water.
	SureSelect Wash Buffer	Easily soluble in the following materials: cold water and hot water.
	SureSelect Wash Buffer	Easily soluble in the following materials: cold water and hot water.
	SureSelect XT HS and XT Low Input Blocker Mix	Easily soluble in the following materials: cold water and hot
	SureSelect Fast	Easily soluble in the following materials: cold water and hot
	Hybridization Buffer SureSelect RNase Block	water. Easily soluble in the following materials: cold water and hot
	SureSelect Post-Capture	water. Easily soluble in the following materials: cold water and hot
	Primer Mix SSEL Low Input Index	water. Easily soluble in the following materials: cold water and hot
	Primer, Plate 1, ILM SSel XT HS and XT Low	water. Easily soluble in the following materials: cold water and hot
	Input Cancer All-In-One Lung, 96 Reactions	water.
Partition coefficient: n- octanol/water	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 dNTP)	Not applicable.
	mM each dNTP) Herculase II Fusion DNA	Not applicable.
	Polymerase 5X Herculase II Reaction	Not applicable.
	Buffer SureSelect Binding	Not applicable.
	Buffer SureSelect Wash Buffer	Not applicable.
	1 SureSelect Wash Buffer	Not applicable.
	2 SureSelect XT HS and	Not applicable.
	XT Low Input Blocker Mix SureSelect Fast	Not applicable.
	Hybridization Buffer	.
	SureSelect RNase Block SureSelect Post-Capture	Not applicable. Not applicable.
	Primer Mix SSEL Low Input Index	Not applicable.
	Primer, Plate 1, ILM SSel XT HS and XT Low	Not applicable.
	Input Cancer All-In-One Lung, 96 Reactions	
Vapour pressure	:	

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SECTION 9: Physical and chemical properties

	Vapour Pressure at 20°C			Vapour 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 Reaction Buffer						

SureSelect XT Low Input Reagent kit, index 1-96 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9707R

SECTION 9: Physica

and chemical p	ropert	ies				
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 1, ILM						
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	
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SECTION 9: Physical	and chemical p	roper	ties				
<u></u>	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	0.00001		0.0025	0.00033	
Evaporation rate :	End Repair-A Tailing	No	available	!	•	•	
	Enzyme Mix End Repair-A Tailing Buffer	No	t available.				
	T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP)	No No No	t available. t available. t available. t available. t available.				
	Herculase II Fusion D Polymerase	NA No	t available.				
	5X Herculase II React Buffer	ion No	t available.				
	SureSelect Binding Buffer	No	t available.				
	SureSelect Wash Buff	fer No	t available.				
	SureSelect Wash Buff	fer No	t available.				
	SureSelect XT HS and XT Low Input Blocker		t available.				
	SureSelect Fast Hybridization Buffer		t available.				
	SureSelect RNase Blo		t available.				
	SureSelect Post-Capto Primer Mix	ure No	t available.				
	SSEL Low Input Index Primer, Plate 1, ILM	(No	t available.				
	SSel XT HS and XT L Input Cancer All-In-Or Lung, 96 Reactions		t available.				
Relative density :	End Repair-A Tailing Enzyme Mix	No	t available.				
	End Repair-A Tailing Buffer	No	t available.				
	T4 DNA Ligase	No	t available.				
	Ligation Buffer		t available.				
	Adaptor Oligo Mix Forward Primer		t available. t available.				
	100 mM dNTP Mix (25		available.				
	mM each dNTP) Herculase II Fusion D	NA No	t available.				
	Polymerase 5X Herculase II React Buffer	ion No	t available.				
	SureSelect Binding	No	t available.				
	Buffer SureSelect Wash Buff 1	fer No	t available.				
	SureSelect Wash Buff	fer No	t available.				
	SureSelect XT HS and XT Low Input Blocker		t available.				
	SureSelect Fast Hybridization Buffer		t available.				

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SECTION 9: Physical and chemical properties

e e non en nyelet			
	SureSelect RNase Block	Not available.	
	SureSelect Post-Capture	Not available.	
	Primer Mix		
	SSEL Low Input Index	Not available.	
	Primer, Plate 1, ILM		
	SSel XT HS and XT Low	Not available.	
	Input Cancer All-In-One		
	Lung, 96 Reactions		
Vanour density	-	Not available	
Vapour density	: End Repair-A Tailing	Not available.	
	Enzyme Mix		
	End Repair-A Tailing	Not available.	
	Buffer		
	T4 DNA Ligase	Not available.	
	Ligation Buffer	Not available.	
	Adaptor Oligo Mix	Not available.	
	Forward Primer	Not available.	
	100 mM dNTP Mix (25	Not available.	
	mM each dNTP)		
	Herculase II Fusion DNA	Not available.	
	Polymerase		
	5X Herculase II Reaction	Not available.	
	Buffer		
	SureSelect Binding	Not available.	
	Buffer		
	SureSelect Wash Buffer	Not available.	
	1		
	SureSelect Wash Buffer	Not available.	
	2		
	_ SureSelect XT HS and	Not available.	
	XT Low Input Blocker Mix		
	SureSelect Fast	Not available.	
	Hybridization Buffer		
	SureSelect RNase Block	Not available.	
	SureSelect Post-Capture	Not available.	
	Primer Mix	Not available.	
		Not available.	
	SSEL Low Input Index	Not available.	
	Primer, Plate 1, ILM		
	SSel XT HS and XT Low	Not available.	
	Input Cancer All-In-One		
	Lung, 96 Reactions		
Oxidising properties	: End Repair-A Tailing	Not available.	
	Enzyme Mix		
	End Repair-A Tailing	Not available.	
	Buffer		
	T4 DNA Ligase	Not available.	
	Ligation Buffer	Not available.	
	Adaptor Oligo Mix	Not available.	
	Forward Primer	Not available.	
	100 mM dNTP Mix (25	Not available.	
	mM each dNTP)		
	Herculase II Fusion DNA	Not available.	
	Polymerase		
	5X Herculase II Reaction	Not available.	
	Buffer		
	SureSelect Binding	Not available.	
	Buffer		
	SureSelect Wash Buffer	Not available.	
		I NUL AVAIIANIC.	
		Not available	
	SureSelect Wash Buffer	Not available.	
	2 SuraSalast XT US and	Notovoileble	
	SureSelect XT HS and	Not available.	
	XT Low Input Blocker Mix		
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SECTION 9: Physic	al and chemical pro	perties
	SureSelect Fast Hybridization Buffer	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Post-Capture	Not available.
	Primer Mix	
	SSEL Low Input Index Primer, Plate 1, 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	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	Not applicable.
	mM each 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 1, ILM	Not applicable.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not applicable.

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity

0.4 Depativity	End Densir A Tailing	No experific test data related to reactivity available for this
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.

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SECTION 10: Stability and reactivity

	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	No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability :		The product is stable. The product is stable. The product is stable. The product is stable. The product is stable.

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SECTION 10: Stability and reactivity

SECTION 10: Stabi	: End Repair-A Tailing	Under normal conditions of storage and use, hazardous
hazardous reactions	Enzyme Mix	reactions will not occur.
	End Repair-A Tailing	Under normal conditions of storage and use, hazardous
	Buffer	reactions will not occur.
	T4 DNA Ligase	Under normal conditions of storage and use, hazardous
	Lingtion Duffer	reactions will not occur.
	Ligation Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.
	Adaptor Oligo Mix	Under normal conditions of storage and use, hazardous
	, adptor enge mix	reactions will not occur.
	Forward Primer	Under normal conditions of storage and use, hazardous reactions will not occur.
	100 mM dNTP Mix (25	Under normal conditions of storage and use, hazardous
	mM each dNTP)	reactions will not occur.
		Under normal conditions of storage and use, hazardous
	Polymerase	reactions will not occur.
	Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect Binding	Under normal conditions of storage and use, hazardous
	Buffer	reactions will not occur.
	SureSelect Wash Buffer	Under normal conditions of storage and use, hazardous
	1	reactions will not occur.
	SureSelect Wash Buffer	Under normal conditions of storage and use, hazardous
	2 SureSelect XT HS and	reactions will not occur.
		Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect Fast	Under normal conditions of storage and use, hazardous
	Hybridization Buffer	reactions will not occur.
	SureSelect RNase Block	Under normal conditions of storage and use, hazardous
		reactions will not occur.
		Under normal conditions of storage and use, hazardous
	Primer Mix SSEL Low Input Index	reactions will not occur. Under normal conditions of storage and use, hazardous
	Primer, Plate 1, ILM	reactions will not occur.
		Under normal conditions of storage and use, hazardous
	Input Cancer All-In-One	reactions will not occur.
	Lung, 96 Reactions	
10.4 Conditions to avoid	: End Repair-A Tailing	No specific data.
	Enzyme Mix End Repair-A Tailing	No specific data.
	Buffer	
	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	No specific data.
	mM each dNTP) Herculase II Fusion DNA	No specific data
	Polymerase	No specific data.
	5X Herculase II Reaction	No specific data.
	Buffer	•
	SureSelect Binding	No specific data.
	Buffer	
	SureSelect Wash Buffer	No specific data.
	1 SureSelect Wash Buffer	No specific data.
	2	ויט שבטווט עמומ.
	SureSelect XT HS and	No specific data.
	XT Low Input Blocker Mi	ĸ
	SureSelect Fast	No specific data.
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SECTION 10: Stability and reactivity

	, ,	
	Hybridization Buffer	
	SureSelect RNase Bloc	•
	SureSelect Post-Captur	e No specific data.
	Primer Mix	No specific data.
	SSEL Low Input Index Primer, Plate 1, ILM	No specific data.
	SSel XT HS and XT Lo	No specific data.
	Input Cancer All-In-One	
	Lung, 96 Reactions	
10 5 Incompatible	: End Repair-A Tailing	May react or be incompatible with evidicing materials
10.5 Incompatible materials	Enzyme Mix	May react or be incompatible with oxidising materials.
materials	End Repair-A Tailing	May react or be incompatible with oxidising materials.
	Buffer	
	T4 DNA Ligase	May react or be incompatible with oxidising materials.
	Ligation Buffer	May react or be incompatible with oxidising materials.
	Adaptor Oligo Mix	May react or be incompatible with oxidising materials.
	Forward Primer	May react or be incompatible with oxidising materials.
	100 mM dNTP Mix (25	May react or be incompatible with oxidising materials.
	mM each dNTP)	
	Herculase II Fusion DN	A May react or be incompatible with oxidising materials.
	Polymerase	
	5X Herculase II Reaction	n May react or be incompatible with oxidising materials.
	Buffer	
	SureSelect Binding	May react or be incompatible with oxidising materials.
	Buffer	
	SureSelect Wash Buffe	r May react or be incompatible with oxidising materials.
	1 SuraSalaat Waab Buffa	r Mov react or be incompatible with evidicing materials
	SureSelect Wash Buffe 2	r May react or be incompatible with oxidising materials.
	Z SureSelect XT HS and	May react or be incompatible with oxidising materials.
	XT Low Input Blocker M	
	SureSelect Fast	May react or be incompatible with oxidising materials.
	Hybridization Buffer	may react of be meenpalible with oxidibility matchais.
	SureSelect RNase Bloc	k May react or be incompatible with oxidising materials.
	SureSelect Post-Captur	
	Primer Mix	
	SSEL Low Input Index	May react or be incompatible with oxidising materials.
	Primer, Plate 1, ILM	, , , , , , , , , , , , , , , , , , , ,
	SSel XT HS and XT Lo	<i>w</i> May react or be incompatible with oxidising materials.
	Input Cancer All-In-One	
	Lung, 96 Reactions	
10.6 Hazardous	: End Repair-A Tailing	Under normal conditions of storage and use, hazardous
decomposition products	Enzyme Mix	decomposition products should not be produced.
	End Repair-A Tailing	Under normal conditions of storage and use, hazardous
	Buffer	decomposition products should not be produced.
	T4 DNA Ligase	Under normal conditions of storage and use, hazardous
	C C	decomposition products should not be produced.
	Ligation Buffer	Under normal conditions of storage and use, hazardous
	-	decomposition products should not be produced.
	Adaptor Oligo Mix	Under normal conditions of storage and use, hazardous
		decomposition products should not be produced.
	Forward Primer	Under normal conditions of storage and use, hazardous
		decomposition products should not be produced.
	100 mM dNTP Mix (25	Under normal conditions of storage and use, hazardous
	mM each dNTP)	decomposition products should not be produced.
	Herculase II Fusion DN	0
	Polymerase	decomposition products should not be produced.
	5X Herculase II Reaction	0
	Buffer	decomposition products should not be produced.
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SECTION 10: Stability and reactivity

-	
SureSelect Binding	Under normal conditions of storage and use, hazardous
Buffer	decomposition products should not be produced.
SureSelect Wash Buffer	Under normal conditions of storage and use, hazardous
1	decomposition products should not be produced.
SureSelect Wash Buffer	Under normal conditions of storage and use, hazardous
2	decomposition products should not be produced.
SureSelect XT HS and	Under normal conditions of storage and use, hazardous
XT Low Input Blocker Mix	decomposition products should not be produced.
SureSelect Fast	Under normal conditions of storage and use, hazardous
Hybridization Buffer	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	Under normal conditions of storage and use, hazardous
Primer Mix	decomposition products should not be produced.
SSEL Low Input Index	Under normal conditions of storage and use, hazardous
Primer, Plate 1, ILM	decomposition products should not be produced.
SSel XT HS and XT Low	Under normal conditions of storage and use, hazardous
Input Cancer All-In-One	decomposition products should not be produced.
Lung, 96 Reactions	

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
5X Herculase II Reaction Buffer				
Trometamol	LD50 Dermal	Rat	>5000 mg/kg	-
Ammonium sulphate	LD50 Oral	Rat	2840 mg/kg	-
Hexadecan-1-ol, ethoxylated	LD50 Oral	Rat	2500 mg/kg	-
SureSelect Binding Buffer				
Sodium chloride	LD50 Oral	Rat	3000 mg/kg	-

Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
5X Herculase II Reaction Buffer					
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					
Sodium chloride	3000	N/A	N/A	N/A	N/A

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
5X Herculase II Reaction Buffer					
Trometamol	Skin - Moderate irritant	Rabbit	-	25 %	-
	Skin - Severe irritant	Rabbit	-	500 mg	-
SureSelect Binding Buffer					
Sodium chloride	Eyes - Moderate irritant	Rabbit	-	24 hours 100 mg	-
	Eyes - Moderate irritant	Rabbit	-	10 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	

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

Specific target organ toxicity (repeated exposure) Not available.

Aspiration hazard

Not available.

Information on 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 Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP)	Routes of entry anticipated: Oral, Dermal, Inhalation. Routes of entry anticipated: Oral, Dermal, Inhalation. Not available. Not available. Not available.
	Herculase II Fusion DNA Polymerase	Routes of entry anticipated: Oral, Dermal, 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 Input Blocker Mix	Not available.
	SureSelect Fast Hybridization Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
	SureSelect RNase Block SureSelect Post-Capture Primer Mix	Routes of entry anticipated: Oral, Dermal, Inhalation. Not available.
	SSEL Low Input Index Primer, Plate 1, ILM	Not available.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not available.

Potential acute health effects

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Inhalation	: End Repair-A Tailing Enzyme Mix	No known significant effects of	or critical hazards.	
	Enzyme Mix End Repair-A Tailing Buffer	No known significant effects of	or critical hazards.	
	T4 DNA Ligase	No known significant effects of	or critical hazards.	
	Ligation Buffer	No known significant effects of		
	Adaptor Oligo Mix	No known significant effects of		
	Forward Primer	No known significant effects of	or critical hazards.	
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects of	or critical hazards.	
	Herculase II Fusion DNA Polymerase	No known significant effects o	or critical hazards.	
	5X Herculase II Reaction Buffer	No known significant effects of	or critical hazards.	
	SureSelect Binding Buffer	No known significant effects of	or critical hazards.	
	SureSelect Wash Buffer 1	No known significant effects of		
	SureSelect Wash Buffer 2	No known significant effects of	or critical hazards.	
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects o		
	SureSelect Fast Hybridization Buffer	No known significant effects of	or critical hazards.	
	SureSelect RNase Block SureSelect Post-Capture	No known significant effects of No known significant effects of		
	Primer Mix SSEL Low Input Index	No known significant effects o	or critical hazards.	
	Primer, Plate 1, ILM SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No known significant effects o	or critical hazards.	
Ingestion	: End Repair-A Tailing Enzyme Mix	No known significant effects o	or critical hazards.	
	End Repair-A Tailing Buffer	No known significant effects of	or critical hazards.	
	T4 DNA Ligase	No known significant effects of	or critical hazards.	
	Ligation Buffer	No known significant effects of		
	Adaptor Oligo Mix	No known significant effects of		
	Forward Primer	No known significant effects of	or critical hazards.	
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects of		
	Herculase II Fusion DNA Polymerase	No known significant effects of		
	5X Herculase II Reaction Buffer	No known significant effects of		
	SureSelect Binding Buffer	No known significant effects of		
	SureSelect Wash Buffer	No known significant effects of		
	SureSelect Wash Buffer 2	No known significant effects of		
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects of		
	SureSelect Fast Hybridization Buffer SureSelect RNase Block	No known significant effects of		
	SureSelect RNase Block SureSelect Post-Capture Primer Mix	No known significant effects on No known significant effects of No known significant effects of the second		
	SSEL Low Input Index Primer, Plate 1, ILM	No known significant effects of	or critical hazards.	
	SSel XT HS and XT Low	No known significant effects of	or critical hazards.	
Date of issue/Date of revision	: 19/04/2022 Date of previous		Version : 1.1	62/73

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	Input Cancer All-In-One Lung, 96 Reactions	
Skin contact :	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	No known significant effects or critical hazards.
	mM each 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	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and	No known significant effects or critical hazards.
	XT Low Input Blocker Mix SureSelect Fast	No known significant effects or critical hazards.
	Hybridization Buffer	No known cignificant offects on without because
	SureSelect RNase Block SureSelect Post-Capture	No known significant effects or critical hazards. No known significant effects or critical hazards.
	Primer Mix SSEL Low Input Index	No known significant effects or critical hazards.
	Primer, Plate 1, ILM SSel XT HS and XT Low	No known significant effects or critical hazards.
	Input Cancer All-In-One Lung, 96 Reactions	
Eye contact :	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	No known significant effects or critical hazards.
	mM each 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	No known significant effects or critical hazards.
	Buffer SureSelect Wash Buffer	No known significant effects or critical hazards.
	1 SureSelect Wash Buffer	No known significant effects or critical hazards.
	2 SureSelect XT HS and	No known significant effects or critical hazards.
	XT Low Input Blocker Mix SureSelect Fast	No known significant effects or critical hazards.
	Hybridization Buffer	
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards.

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	ological information	· · · · · · · · · · · · · · · · · · ·
	SSEL Low Input Index Primer, Plate 1, 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.
Symptoms related to the p	ohysical, chemical and toxic	ological characteristics
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	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 SureSelect Post-Capture Primer Mix	No specific data. No specific data.
	SSEL Low Input Index Primer, Plate 1, 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 dNTP)	No specific data.
	Herculase II Fusion DNA Polymerase	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer SureSelect Weeh Buffer	No specific data.
	SureSelect Wash Buffer 1 SureSelect Wash Buffer	No specific data.
	SureSelect Wash Buffer 2 SureSelect XT HS and	No specific data. No specific data.
	XT Low Input Blocker Mix SureSelect Fast	No specific data.

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	- 5	
	Hybridization Buffer	
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture	No specific data.
	Primer Mix	
	SSEL Low Input Index	No specific data.
	Primer, Plate 1, ILM	
	SSel XT HS and XT Low	No specific data.
	Input Cancer All-In-One	···· · · · · · · · · · · · · · · · · ·
	Lung, 96 Reactions	
	-	Number of Carlot A
Skin contact :	End Repair-A Tailing	No specific data.
	Enzyme Mix	
	End Repair-A Tailing	No specific data.
	Buffer	
	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	No specific data.
	mM each dNTP)	•
	Herculase II Fusion DNA	No specific data.
	Polymerase	
	5X Herculase II Reaction	No specific data.
	Buffer	
	SureSelect Binding	No specific data.
	Buffer	No specific data.
		No aposifio data
	SureSelect Wash Buffer	No specific data.
		Number of Carlot A
	SureSelect Wash Buffer	No specific data.
	2	
	SureSelect XT HS and	No specific data.
	XT Low Input Blocker Mix	
	SureSelect Fast	No specific data.
	Hybridization Buffer	
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture	No specific data.
	Primer Mix	•
	SSEL Low Input Index	No specific data.
	Primer, Plate 1, ILM	···· · · · · · · · · · · · · · · · · ·
	SSel XT HS and XT Low	No specific data.
	Input Cancer All-In-One	
	Lung, 96 Reactions	
	•	
Eye contact :	End Repair-A Tailing	No specific data.
	Enzyme Mix	
	End Repair-A Tailing	No specific data.
	Buffer	
	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	No specific data.
	mM each dNTP)	•
	Herculase II Fusion DNA	No specific data.
	Polymerase	
	5X Herculase II Reaction	No specific data.
	Buffer	no specific uala.
		No oposific data
	SureSelect Binding	No specific data.
	Buffer	
	SureSelect Wash Buffer	No specific data.
	1	
	SureSelect Wash Buffer	No specific data.
	2	



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SECTION 11: Toxic	ological information	
	SureSelect XT HS and	No specific data.
	XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture	No specific data.
	Primer Mix SSEL Low Input Index Primer, Plate 1, ILM	No specific data.
	SSel XT HS and XT Low Input Cancer All-In-One	No specific data.
Delayed and immediate of	Lung, 96 Reactions	cts from short and long-term exposure
Short term exposure		
Potential immediate	: Not available.	
effects		
Potential delayed effects	: Not available.	
Long term exposure		
Potential immediate effects	: Not available.	
Potential delayed effects	: Not available.	
Potential chronic health e	ffects	
General	: End Repair-A Tailing	No known significant effects or critical hazards.
	Enzyme Mix	No known significant offects or critical bazards
	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 100 mM dNTP Mix (25	No known significant effects or critical hazards. No known significant effects or critical hazards.
	mM each dNTP)	No known significant enects of childar 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 Input Blocker Mix	No known significant effects or critical hazards.
	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 1, ILM	No known significant effects or critical hazards.
	SSel XT HS and XT Low Input Cancer All-In-One	No known significant effects or critical hazards.
	Lung, 96 Reactions	

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SECTION 11: Toxicological information

Enzyme Mix End Repair A Tailing BufferNo known significant effects or critical No known significant effects or critical Buffer100 mM (MTP Mix (25 MM each dNTP) Herculase II Fusion DNA Delymerase SX Herculase II Fusion DNA Polymerase SX Herculase II Fusion DNA SureSelect Wash Buffer SureSelect Wash Buffer SureSelect Post-Capture Primer Mix SSEL Low Input Hocker ADV For No known significant effects or critical No known significant effects or critic	hazards.
T4 DNA Ligase No known significant effects or critical Ligation Buffer No known significant effects or critical Forward Primer No known significant effects or critical 100 mM dNTP Mix (25 mM each dNTP) No known significant effects or critical Pervisuse II Fusion DNA Polymerase No known significant effects or critical SureSelect Binding No known significant effects or critical Buffer SureSelect Wash Buffer SureSelect Wash Buffer No known significant effects or critical SureSelect Post-Capture Primer Mix No known significant effects or critical SureSelect Post-Capture Primer Mix No known significant effects or critical Self Post-Capture Primer Mix No known significant effects or critical Self Post-Capture Primer Mix No known significant effects or critical Self Post-Capture Primer Mix No known significant effects or critical Self Promer All-In-One Lung, 96 Reactions No known significant effects or critical Buffer No known significant effects or critical Polymerase No known significant effects or critical No Known significant effects or critical No known significant effects or critical Polymerase No known significant effects or critical	hazards.
Adaptor Oligo Mix No known significant effects or critical Forward Primer No known significant effects or critical 100 mM (MTP Mix (25 No known significant effects or critical Meach dMTP) Herculase II Reaction SUreSelect Binding No known significant effects or critical Buffer No known significant effects or critical SureSelect Binding No known significant effects or critical SureSelect Wash Buffer No known significant effects or critical SureSelect THS and No known significant effects or critical Mutagenicity SEL Low Input Blocker Mix SureSelect Past No known significant effects or critical Primer, Plate 1, LLM No known significant effects or critical Primer, Plate 1, LLM No known significant effects or critical Primer, Plate 1, LLM No known significant effects or critical Enzyme Mix No known significant effects or critical Buffer No known significant effects or critical Primer, Nat 1, LLM No known significant effects or critical Buffer No known significant effects or critical Primer, Nat 2, LLM No known significant effects or critical No known significant effects or	
Forward Primer 100 mM (ATTP Mkr (25 mM each dNTP) No known significant effects or critical No known significant effects or critical Polymerase 5X Herculase II Reaction Buffer No known significant effects or critical Buffer SureSelect Binding Buffer No known significant effects or critical SureSelect Wash Buffer SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer No known significant effects or critical SureSelect Post-Capture Primer, Plate 1, LLM Ster Select St HS and XT Low Input Blocker Mix Selex THS and XT Low Input Cancer All-In-One Lung, 96 Reactions No known significant effects or critical No known significant effects or critical Buffer Mutagenicity End Repair-A Tailing Enzyme Mix End Repair-A Tailing No known significant effects or critical Adaptor Oligo Mix Forward Primer SureSelect Binding Buffer No known significant effects or critical No known significant effects or	
100 mM dNTP Mix (25 mM each dNTP) No known significant effects or critical Polymerase 5X Herculase II Fusion DNA Polymerase No known significant effects or critical Buffer SureSelect Binding Buffer No known significant effects or critical SureSelect Wash Buffer No known significant effects or critical SureSelect XT HS and XT Low Input Blocker Mix SureSelect Past No known significant effects or critical Mybridization Buffer No known significant effects or critical SureSelect Past No known significant effects or critical Mybridization Buffer No known significant effects or critical SSEL Low Input Index No known significant effects or critical SSE XT HS and XT Low Input Concer All-In-One Lung, 96 Reactions No known significant effects or critical Buffer No known significant effects or critical T4 DNA Ligase No known significant effects or critical No known significant effects or critical No known significant effects or critical Mutagenicity End Repair-A Tailing Buffer No known significant effects or critical Yo Macown Significant effects or critical No known significant effects or critical Adaptor Oligo Mix Adaptor Oligo Mix Adaptor Oligo Mix No known significant effects or critical No known signific	
MM each dNTP) Herculase II Fusion DNA Polymerase SX Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer SureSelect Wash Buffer SureSelect XT HS and XT Low Input Blocker Mix SureSelect RNase Block SureSelect Binding Buffer SureSelect Binding Buffer SureSelect RNase Block SureSelect RNase Block S	
Polymerase SX SX Herculase II Reaction Buffer No known significant effects or critical SureSelect Binding No known significant effects or critical SureSelect Wash Buffer No known significant effects or critical SureSelect XT HS and No known significant effects or critical SureSelect Rast No known significant effects or critical Hybridization Buffer No known significant effects or critical SureSelect Post-Capture No known significant effects or critical Primer, Plate 1, ILM SSEI Low Input Index SSEI Low Input Index No known significant effects or critical Nutagenicity End Repair-A Tailing Buffer No known significant effects or critical SSEI Low Input Index No known significant effects or critical Nutagenicity End Repair-A Tailing Buffer No known significant effects or critical No known significant effects or critical No known significant effects or critical No MortP Mix (25 No known significant effects or critical No known significant effects or critical No known significant effects or critical No known significant effects or critical No known significan	hazards.
Buffer SureSelect Binding Buffer No known significant effects or critical SureSelect Wash Buffer No known significant effects or critical SureSelect XT HS and No known significant effects or critical SureSelect Tast No known significant effects or critical No known significant effects or critical No known significant effects or critical SureSelect Post-Capture No known significant effects or critical Primer, Plate 1, ILM SSEL Low Input Index SSEL Low Input Index No known significant effects or critical Primer, Plate 1, ILM No known significant effects or critical SSEL Low Input Index No known significant effects or critical Primer, Plate 1, ILM No known significant effects or critical Buffer No known significant effects or critical T4 DNA Ligase No known significant effects or critical Ing Repair-A Tailing No known significant effects or critical Mutagenicity End Repair-A Tailing No known significant effects or critical Mutagenicity End Repair-A Tailing No known significant effects or critical Mutagenicity End Repair-A Tailing No known significant effects or critical No k	hazards.
BufferSureSelect Wash Buffer2SureSelect Wash Buffer2SureSelect XT HS andXT Low Input Blocker MixSureSelect XT HS andNo known significant effects or criticalHybridization BufferSureSelect Post-CapturePrimer, Plate 1, ILMSSEL Low Input IndexPrimer, Plate 1, ILMSSEL Low Input IndexPrimer, Plate 1, ILMSSEL Low Input Cancer All-In-OneLung, 96 ReactionsLung, 96 ReactionsBufferT4 DNA LigaseNo known significant effects or criticalAdaptor Oligo MixNo known significant effects or criticalAdaptor Oligo MixNo known significant effects or criticalPolymeraseSUreSelect BindingBufferSureSelect THS andNo known significant effects or criticalPolymeraseSy LireSelect XT HS andNo known significant effects or criticalPolymeraseSy LireSelect BindingBufferSureSelect BindingBufferSureSelect THS andNo known significant effects or criticalNo known significant effects or criticalNo known significant effects or criticalSureSelect THS andNo known significant effects or criticalSureSelect RNase BlockSureSelect RNase BlockSureSelect RNase BlockSureSelect PastNo known significant effects or criticalNo known significant effects or critical </th <th>hazards.</th>	hazards.
1SureSelect Wash Buffer2SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect Post-Capture Primer, Plate 1, ILM SSEL Low Input Index Primer, Plate 1, ILM SSEL Low Input Index Primer, Plate 1, ILM SSEL Low Input Index Primer, Plate 1, ILM SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 ReactionsNo known significant effects or critical No known sig	hazards.
2SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, ILMNo known significant effects or critical No known significant eff	hazards.
 XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, ILM SSEL X HS and XT Low Mutagenicity End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer No known significant effects or critical No known significant effects	hazards.
SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect RNase Block SureSelect RNase Block SureSelect RNase Block SSEL Low Input Index Primer, Plate 1, ILM SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions Mutagenicity : End Repair-A Tailing Buffer T4 DNA Ligase Ind Repair-A Tailing Buffer T4 DNA Ligase No known significant effects or critical No known significant effects o	hazards.
Sure Select Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, ILM SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 ReactionsNo known significant effects or critical No known s	hazards.
SSEL Low Input Index Primer, Plate 1, ILM SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 ReactionsNo known significant effects or critical No known significant effects or critical End Repair-A Tailing BufferNo known significant effects or critical No known significant effects or critical Adaptor Oligo Mix No known significant effects or critical Adaptor Oligo Mix No known significant effects or critical To M M MTP Mix (25 Mo known significant effects or critical No known significant effects or critical Meach dNTP) Herculase II Fusion DNA Polymerase SX Herculase II Reaction Buffer SureSelect Wash Buffer SureSelect XT HS and XT Low Input Blocker Mix SureSelect Rast Hybridization BufferNo known significant effects or critical No known significant effects or c	
Primer, Plate 1, ILM SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 ReactionsNo known significant effects or critical Plate 1, ILM No known significant effects or critical End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Forward Primer No known significant effects or critical Polymerase SX Herculase II Fusion DNA Polymerase SX Herculase II Reaction BufferNo known significant effects or critical No known significant effects or critical <th>hazards.</th>	hazards.
MutagenicityInput Cancer All-In-One Lung, 96 ReactionsMutagenicity: End Repair-A Tailing Enzyme Mix End Repair-A Tailing BufferNo known significant effects or critical No known significant effects or critical Adaptor Oligo Mix Adaptor Oligo Mix No known significant effects or critical Adaptor Oligo Mix No known significant effects or critical Adaptor Oligo Mix No known significant effects or critical No known significant effects or critical Buffer SureSelect Binding BufferSureSelect Wash Buffer 2 SureSelect THS and XT Low Input Blocker Mix SureSelect Past Hybridization BufferNo known significant effects or critical No known significant effects or	hazards.
Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Adaptor Oligo Mix No known significant effects or critical No known significant effects or critical Buffer SureSelect Binding Buffer SureSelect Wash Buffer SureSelect XT HS and XT Low Input Blocker Mix SureSelect RNase Block SureSelect RNase Block SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, ILM SSel XT HS and XT Low No known significant effects or critical No known significant effects or critical	
BufferT4 DNA LigaseNo known significant effects or criticalLigation BufferNo known significant effects or criticalAdaptor Oligo MixNo known significant effects or criticalForward PrimerNo known significant effects or critical100 mM dNTP Mix (25No known significant effects or criticalmM each dNTP)Herculase II Fusion DNAPolymeraseNo known significant effects or criticalSX Herculase II ReactionNo known significant effects or criticalBufferSureSelect BindingSureSelect Wash BufferNo known significant effects or critical1SureSelect XT HS andXT Low Input Blocker MixNo known significant effects or criticalSureSelect RNase BlockNo known significant effects or criticalHybridization BufferNo known significant effects or criticalSEL Low Input IndexNo known significant effects or criticalPrimer, Plate 1, ILMNo known significant effects or criticalSel XT HS and XT LowNo known significant effects or critical	
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 SureSelect Wash Buffer SureSelect Wash Buffer SureSelect Wash Buffer SureSelect XT HS and XT Low Input Blocker Mix SureSelect RNase Block SureSelect RNase Block SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, ILM SSel XT HS and XT Low No known significant effects or critical No known significant effects or critical	
Adaptor Oligo MixNo known significant effects or criticalForward PrimerNo known significant effects or critical100 mM dNTP Mix (25No known significant effects or criticalmM each dNTP)Herculase II Fusion DNAHerculase II Fusion DNANo known significant effects or criticalPolymeraseSX Herculase II ReactionSureSelect BindingNo known significant effects or criticalBufferSureSelect Wash BufferSureSelect Wash BufferNo known significant effects or critical1SureSelect XT HS andXT Low Input Blocker MixNo known significant effects or criticalHybridization BufferNo known significant effects or criticalNo known	
Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Fusion DNA Buffer SureSelect Binding BufferNo known significant effects or critical No known significant effects or critical No known significant effects or critical BufferSureSelect Binding Buffer SureSelect Wash Buffer SureSelect Wash Buffer SureSelect XT HS and XT Low Input Blocker Mix SureSelect RNase Block SureSelect RNase Block SureSelect Post-Capture Primer, Plate 1, ILM SSel XT HS and XT LowNo known significant effects or critical No known sign	
100 mM dNTP Mix (25 mM each dNTP)No known significant effects or critical No known significant effects or critical Polymerase SX Herculase II Reaction BufferNo known significant effects or critical No known significant effects or cri	
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 RNase Block SureSelect RNase Block SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, ILM SSel XT HS and XT Low	
Polymerase5X Herculase II ReactionBufferSureSelect BindingBufferSureSelect Wash BufferSureSelect Wash Buffer1SureSelect Wash Buffer2SureSelect XT HS andXT Low Input Blocker MixSureSelect FastHybridization BufferSureSelect RNase BlockSureSelect Post-CapturePrimer MixSSEL Low Input IndexPrimer, Plate 1, ILMSSel XT HS and XT LowNo known significant effects or criticalNo known significant effects or critical	
Buffer SureSelect Binding Buffer SureSelect Wash Buffer SureSelect Wash Buffer SureSelect Wash Buffer SureSelect Wash Buffer 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 1, ILM SSel XT HS and XT Low	
BufferSureSelect Wash Buffer1SureSelect Wash Buffer2SureSelect XT HS andXT Low Input Blocker MixSureSelect FastHybridization BufferSureSelect RNase BlockSureSelect Post-CapturePrimer MixSSEL Low Input IndexPrimer, Plate 1, ILMSSel XT HS and XT LowNo known significant effects or criticalNo known significant effects or critical	
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SECTION 11: Toxicological information

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	Input Cancer All-In-One Lung, 96 Reactions	
Reproductive toxicity	: End Repair-A Tailing	No known significant effects or critical hazards.
	Enzyme Mix End Repair-A Tailing Buffer	No known significant effects or critical hazards.
		No known aignifiaent affects ar critical bezorda
	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	J. J
	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	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 Mi	No known significant effects or critical hazards.
	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	6
	SSEL Low Input Index Primer, Plate 1, 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.
Other information	: End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing Buffer	Adverse symptoms may include the following: May cause skin sensitisation.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25	Not available.
	mM each dNTP)	
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer	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	skin sensitisation.
	SureSelect Post-Capture	Not available.
Date of issue/Date of revision	: 19/04/2022 Date of previou	is issue : 07/03/2022 Version : 1.1 68/7

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SECTION 11: Toxicological information

Primer Mix	
SSEL Low Input Index	Not available.
Primer, Plate 1, ILM	
SSel XT HS and XT Low	Not available.
Input Cancer All-In-One	
Lung, 96 Reactions	

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
5X Herculase II Reaction Buffer			
Trometamol	Acute EC50 >980 mg/l Fresh water Acute NOEC 520 mg/l Fresh water	Daphnia Daphnia	48 hours 48 hours
Ammonium sulphate	Chronic NOEC 7.5 mg/l Marine water	Algae - Phaeodactylum tricornutum - Exponential growth phase	96 hours
Hexadecan-1-ol, ethoxylated	Acute LC50 330000 to 1000000 μg/l Marine water	Crustaceans - Crangon crangon - Adult	48 hours
SureSelect Binding Buffer			
Sodium chloride	Acute EC50 2430000 µg/l Fresh water Acute EC50 519.6 mg/l Fresh water	Algae - Navicula seminulum Crustaceans - Cypris subglobosa	96 hours 48 hours
	Acute EC50 402.6 mg/l Fresh water Acute IC50 6.87 g/L Fresh water Acute LC50 1000000 µg/l Fresh water Chronic LC10 781 mg/l Fresh water	Daphnia - Daphnia magna Aquatic plants - Lemna minor Fish - Morone saxatilis - Larvae Crustaceans - Hyalella azteca - Juvenile (Fledgling, Hatchling, Weanling)	48 hours 96 hours 96 hours 3 weeks
	Chronic NOEC 6 g/L Fresh water Chronic NOEC 0.314 g/L Fresh water Chronic NOEC 100 mg/l Fresh water	Aquatic plants - Lemna minor Daphnia - Daphnia pulex Fish - Gambusia holbrooki - Adult	96 hours 21 days 8 weeks

12.2 Persistence and degradability

Product/ingredient name	Test	Result		Dose		Inoculum
5X Herculase II Reaction Buffer Trometamol	OECD 301F Ready Biodegradability - Manometric Respirometry Test		eadily - 28 days	30 mg/l		-
Product/ingredient name	Aquatic half-life		Photolysis		Biodeg	radability
5X Herculase II Reaction Buffer Trometamol Ammonium sulphate Hexadecan-1-ol, ethoxylated	-		- -		Readily Readily Readily	

12.3 Bioaccumulative potential

SureSelect XT Low Input Reagent kit, index 1-96 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9707R

SECTION 12: Ecological information

V			
Product/ingredient name	LogPow	BCF	Potential
5X Herculase II Reaction Buffer			
Trometamol Ammonium sulphate	-2.31 -5.1	-	low low

12.4 Mobility in soil

Soil/water partition	1	Not available.
coefficient (Koc)		
Mobility	:	Not available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

SECTION 13: Disposal considerations

13.1 Waste treatment met	hods
Product	
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
Hazardous waste	: Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.
Packaging	
Methods of disposal	 The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
Special precautions	: This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	IMDG	ΙΑΤΑ
14.1 UN number	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-
14.3 Transport hazard class(es)	-	-	-
14.4 Packing group	-	-	-
14.5 Environmental hazards	No.	No.	No.

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SECTION 14: Transport information

Additional information

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

14.7 Transport in bulk: Not available.according to IMOinstruments

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

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

Ingredient name		EC number		CAS number	Restriction
5X Herculase II Reaction Buffer					
ammonium sulphate		231-984-1		7783-20-2	65
abel : End Repair-A Ta Mix End Repair-A Ta T4 DNA Ligase Ligation Buffer Adaptor Oligo Mi Forward Primer 100 mM dNTP M each dNTP) Herculase II Fus Polymerase 5X Herculase II Fus Polymerase 5X Herculase II Fus Buffer SureSelect Bindi SureSelect Was SureSelect XT H Low Input Blocket		iling Buffer ix /ix (25 mM	Not applic Not applic Not applic Not applic Not applic Not applic Not applic	cable. cable. cable. cable. cable. cable. cable.	
		ing Buffer h Buffer 1 h Buffer 2 IS and XT	Not applic Not applic Not applic Not applic Not applic	cable. cable. cable.	
	SureSelect Fast Buffer	Hybridization			
	SureSelect RNase Block SureSelect Post-Capture Primer Mix		Not applic Not applic		
	SSEL Low Input Plate 1, ILM				
	SSel XT HS and Input Cancer All- 96 Reactions		Not applic	cable.	
ther EU regulations					
Ozone depleting substance Not listed.	es (1005/2009/EU)			
Prior Informed Consent (PI	<u>C) (649/2012/EU)</u>				

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SECTION 15: Regulatory information

Not listed.

Persistent Organic Pollutants Not listed.

Seveso Directive

This product is not controlled under the Seveso Directive.

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.

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assessment

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

SECTION 16: Other information

be required.

 Indicates information that has changed from previously issued version.
 Abbreviations and acronyms
 ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement N/A = Not available PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number vPvB = Very Persistent and Very Bioaccumulative

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SECTION 16: Other information

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

Classification	Justification	
Not classified.		

Full text of abbreviated H statements

5X Herculase II Reaction Buffer H315 H319 H411	Causes skin irritation. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.	
SureSelect Binding Buffer		
H319	Causes serious eye irritation.	
Full text of classifications [CLP/GHS]		
5X Herculase II Reaction Buffer Aquatic Chronic 2 Eye Irrit. 2 Skin Irrit. 2	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 SKIN CORROSION/IRRITATION - Category 2	
SureSelect Binding Buffer Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2	
Date of issue/ Date of : 19/04/2022 revision		
Date of previous issue : 07/03/2022		
Version : 1.1		
Notice to reader		

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