Conforms to US OSHA Hazard Communication 29CFR1910.1200

# SAFETY DATA SHEET



SureSelect XT HS Reagent Kit, index 1-16 + SSel Cancer All-In-One Lung Panel, 16rxn, Part Number G9704R

# Section 1. Identification

1.1 Product identifier		
Product name	: SureSelect XT HS Reagent Kit, index 1-16 + Part Number G9704R	- SSel Cancer All-In-One Lung Panel, 16rxn,
Part no. (chemical kit)	: G9704R	
Part no.	: SureSelect XT HS Library Preparation Kit	<u>5500-0138</u>
	for ILM (Pre PCR), 16 Reactions	
	End Repair-A Tailing Enzyme Mix	5190-6412
	End Repair-A Tailing Buffer	5190-6413
	T4 DNA Ligase	5190-6414
	Ligation Buffer	5190-6415
	Adaptor Oligo Mix	5190-6416
	Forward Primer	5190-6417
	SureSelect XT HS Library Preparation Kit	<u>5500-0138 / 5190-9684</u>
	for ILM (Pre PCR), 16 Reactions /	
	SureSelect XT HS Target Enrichment Kit,	
	ILM Hyb Module, Box 2 (Post PCR), 16	
	<u>Reactions</u> 100 mM dNTP Mix (25 mM each dNTP)	5190-6418
	Herculase II Fusion DNA Polymerase	5190-7742
	5X Herculase II Reaction Buffer	600675-52
	SureSelect XT HS Target Enrichment Kit,	<u>5190-9685</u>
	ILM Hyb Module, Box 1 (Post PCR), 16	0100 0000
	<u>Reactions</u>	
	SureSelect Binding Buffer	5190-4399
	SureSelect Wash Buffer 1	5190-4400
	SureSelect Wash Buffer 2	5190-4401
	<u>SureSelect XT HS Target Enrichment Kit,</u>	<u>5190-9684</u>
	ILM Hyb Module, Box 2 (Post PCR), 16	
	Reactions	5400.0000
	SureSelect XT HS Blocker Mix	5190-9683
	SureSelect Fast Hybridization Buffer	5190-7327
	SureSelect RNase Block SureSelect Post- Capture Primer Mix	5190-4383 5190-9730
	SureSelect XT HS Index Primers 1-16 for	5500-0141
	ILM (Pre PCR), 16 Reactions	<u>3300-0141</u>
	SureSelect XT HS Index Primer A01-H02	Various*
	SSel XT HS Cancer All-In-One Lung, 16	<u>5191-4096</u>
	Reactions	
	SSel XT HS Cancer All-In-One Lung, 16	5191-4096
	Reactions	
Validation date	: 4/30/2024	
1.2 Relevant identified use	es of the substance or mixture and uses advised	<u>l against</u>
Identified uses	: 🗚 nalytical reagent.	
	For research use only.	
	End Repair-A Tailing Enzyme Mix	0.064 ml (16 reactions)
	End Repair-A Tailing Buffer	0.256 ml (16 reactions)
	T4 DNA Ligase	0.032 ml (16 reactions)
	Ligation Buffer	0.368 ml (16 reactions)
	Adaptor Oligo Mix	0.08 ml (16 reactions)
	Forward Primer	0.032 ml (16 reactions)
	100 mM dNTP Mix (25 mM each dNTP)	0.009 ml (16 reactions)
	Herculase II Fusion DNA Polymerase	0.016 ml (32 reactions)

#### Section 1. Identification

	5X Herculase II Reaction Buffer	1.5 ml
	SureSelect Binding Buffer	13.2 ml
	SureSelect Wash Buffer 1	8 ml
	SureSelect Wash Buffer 2	24 ml
	SureSelect XT HS and XT Low Input Blocker Mix	0.08 ml (16 reactions)
	SureSelect Fast Hybridization Buffer	0.45 ml
	SureSelect RNase Block	0.016 ml
	SureSelect Post- Capture Primer Mix	0.016 ml (16 reactions)
	SureSelect XT HS Index Primer A01-H02	16 x 0.01 ml (16 reactions)
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	0.032 ml (16 reactions)
Uses advised against	: Not for use in diagnostic procedures.	
	C I	
1.3 Details of the supplier of	of the safety data sheet	
Supplier/Manufacturer	: Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA 800-227-9770	
1.4 Emergency telephone n	umber	
In case of emergency	: CHEMTREC®: 1-800-424-9300	
Note *	*SureSelect XT HS Index Primer A01-H02: 5190-6419 5190-6423, 5190-6424, 5190-6425, 5190-6426, 5190-6 5190-6431, 5190-6432, 5190-6433, 5190-6434	

2.1 Classification of the su	<u>ubstance or mixture</u>	
OSHA/HCS status	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	T4 DNA Ligase	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
	Ligation Buffer	This material is considered hazardous by the OSHA / Hazard Communication Standard (29 CFR 1910.1200).
	Adaptor Oligo Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	Forward Primer	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	100 mM dNTP Mix (25 mM each dNTP)	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product.

	This SDS should be retained and available for employees
	and other users of this product.
Herculase II Fusion DNA	This material is considered hazardous by the OSHA
Polymerase	Hazard Communication Standard (29 CFR 1910.1200).
5X Herculase II Reaction	While this material is not considered hazardous by the
Buffer	OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees
	and other users of this product.
SureSelect Binding Buffer	While this material is not considered hazardous by the
Carocoloci Binanig Banor	OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees
	and other users of this product.
SureSelect Wash Buffer 1	While this material is not considered hazardous by the
SuleSelect Wash Buller 1	OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees
	and other users of this product.
SureSelect Wash Buffer 2	While this material is not considered hazardous by the
	OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees
	and other users of this product.
SureSelect XT HS and XT	While this material is not considered hazardous by the
Low Input Blocker Mix	OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees
	and other users of this product.
SureSelect Fast	While this material is not considered hazardous by the
Hybridization Buffer	OSHA Hazard Communication Standard (29 CFR
-	1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees
	and other users of this product.
SureSelect RNase Block	This material is considered hazardous by the OSHA
	Hazard Communication Standard (29 CFR 1910.1200).
SureSelect Post- Capture	While this material is not considered hazardous by the
Primer Mix	OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees
	and other users of this product.
SureSelect XT HS Index	While this material is not considered hazardous by the
Primer A01-H02	OSHA Hazard Communication Standard (29 CFR
Filler Aut-filoz	1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees
	and other users of this product.
	While this motorial is not considered be but the
SSel XT HS Cancer All-In-	While this material is not considered hazardous by the
SSel XT HS Cancer All-In- One Lung, 16 Reactions	OSHA Hazard Communication Standard (29 CFR
	OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information
	OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product.
	OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information

Section 2. Hazard		
Classification of the substa		
End Repair-A Tailing Enzym	10	
Mix		
H320	EYE IRRITATION - Category 2B	
T4 DNA Ligase		
H320	EYE IRRITATION - Category 2B	
Ligation Buffer		
H320	EYE IRRITATION - Category 2B	
Herculase II Fusion DNA		
Polymerase H320	EYE IRRITATION - Category 2B	
11520	ETE IRRITATION - Calegory 2B	
SureSelect RNase Block		
H320	EYE IRRITATION - Category 2B	
	100 mM dNTP Mix (25 mM each	Percentage of the mixture consisting of ingredient
	dNTP)	(s) of unknown hazards to the aquatic environment:
	,	5.3%
	SureSelect Fast Hybridization	Percentage of the mixture consisting of ingredient
	Buffer	(s) of unknown hazards to the aquatic environment:
		31.3%
2.2 GHS label elements		
Signal word	End Repair-A Tailing Enzyme Mix	Warning
	End Repair-A Tailing Buffer	No signal word.
	T4 DNA Ligase	Warning
	Ligation Buffer	Warning
	Adaptor Oligo Mix	No signal word.
	Forward Primer	No signal word.
	100 mM dNTP Mix (25 mM each	No signal word.
	dNTP) Herculase II Fusion DNA	Warning
	Polymerase	Warning
	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	No signal word.
	Input Blocker Mix	
	SureSelect Fast Hybridization	No signal word.
	Buffer SureSelect RNase Block	Warning
	SureSelect Post- Capture Primer	No signal word.
	Mix	
	SureSelect XT HS Index Primer	No signal word.
	A01-H02	
	SSel XT HS Cancer All-In-One	No signal word.
	Lung, 16 Reactions	
Hazard statements	: End Repair-A Tailing Enzyme Mix	H320 - Causes eye irritation.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase Ligation Buffer	H320 - Causes eye irritation. H320 - Causes eye irritation.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each	No known significant effects or critical hazards.
	dNTP)	<b>.</b>
	Herculase II Fusion DNA	H320 - Causes eye irritation.
Date of issue : 04/30/	2024	4/75

		dominioation	
		Polymerase	
		5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
		SureSelect Binding Buffer	No known significant effects or critical hazards.
		SureSelect Wash Buffer 1	No known significant effects or critical hazards.
		SureSelect Wash Buffer 2	No known significant effects or critical hazards.
		SureSelect XT HS and XT Low	No known significant effects or critical hazards.
			NO KHOWH SIGNINGANT ENECTS OF CHILCAI HAZARUS.
		Input Blocker Mix	
		SureSelect Fast Hybridization	No known significant effects or critical hazards.
		Buffer	
		SureSelect RNase Block	H320 - Causes eye irritation.
		SureSelect Post- Capture Primer	No known significant effects or critical hazards.
		Mix	C C
		SureSelect XT HS Index Primer	No known significant effects or critical hazards.
		A01-H02	
		SSel XT HS Cancer All-In-One	No known significant effects or critical hazards.
			No known significant enects of childar hazards.
		Lung, 16 Reactions	
Precautionary statements			
Prevention	1	End Repair-A Tailing Enzyme Mix	Not applicable.
		End Repair-A Tailing Buffer	Not applicable.
		T4 DNA Ligase	Not applicable.
		Ligation Buffer	Not applicable.
		Adaptor Oligo Mix	Not applicable.
		Forward Primer	Not applicable.
		100 mM dNTP Mix (25 mM each	Not applicable.
		dNTP)	
		Herculase II Fusion DNA	Not applicable.
		Polymerase	
		5X Herculase II Reaction Buffer	Not applicable.
		SureSelect Binding Buffer	Not applicable.
		SureSelect Wash Buffer 1	Not applicable.
		SureSelect Wash Buffer 2	
			Not applicable.
		SureSelect XT HS and XT Low	Not applicable.
		Input Blocker Mix	
		SureSelect Fast Hybridization	Not applicable.
		Buffer	
		SureSelect RNase Block	Not applicable.
		SureSelect Post- Capture Primer	Not applicable.
		Mix	
		SureSelect XT HS Index Primer	Not applicable.
		A01-H02	
		SSel XT HS Cancer All-In-One	Not applicable.
		Lung, 16 Reactions	
Description		•	
Response	1	End Repair-A Tailing Enzyme Mix	P305 + P351 + P338 - IF IN EYES: Rinse
			cautiously with water for several minutes. Remove
			contact lenses, if present and easy to do. Continue
			rinsing.
			P337 + P313 - If eye irritation persists: Get medical
			advice or attention.
		End Repair-A Tailing Buffer	Not applicable.
		T4 DNA Ligase	P305 + P351 + P338 - IF IN EYES: Rinse
		I + DIVA Elgase	cautiously with water for several minutes. Remove
			contact lenses, if present and easy to do. Continue
			rinsing.
			P337 + P313 - If eye irritation persists: Get medical
			advice or attention.
		Ligation Buffer	P305 + P351 + P338 - IF IN EYES: Rinse
			cautiously with water for several minutes. Remove
			contact lenses, if present and easy to do. Continue
			rinsing.
			P337 + P313 - If eye irritation persists: Get medical
r			

		advice or attention.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer	Not applicable.
	100 mM dNTP Mix (25 mM each	Not applicable.
	dNTP)	
	Herculase II Fusion DNA	P305 + P351 + P338 - IF IN EYES: Rinse
	Polymerase	cautiously with water for several minutes. Remove
		contact lenses, if present and easy to do. Continue
		rinsing.
		•
		P337 + P313 - If eye irritation persists: Get medical
		advice or attention.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT Low	
		Not applicable.
	Input Blocker Mix	
	SureSelect Fast Hybridization	Not applicable.
	Buffer	
	SureSelect RNase Block	P305 + P351 + P338 - IF IN EYES: Rinse
		cautiously with water for several minutes. Remove
		contact lenses, if present and easy to do. Continue
		rinsing.
		P337 + P313 - If eye irritation persists: Get medical
		advice or attention.
	SuraSalact Past, Cantura Primar	
	SureSelect Post- Capture Primer	Not applicable.
	Mix	
	SureSelect XT HS Index Primer	Not applicable.
	A01-H02	
		Net employed
	SSel XT HS Cancer All-In-One	Not applicable.
	Lung, 16 Reactions	
<b>O</b> tomo	-	Net englische
Storage	: End Repair-A Tailing Enzyme Mix	Not applicable.
	End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	Not applicable.
	T I DI W LIGUOD	
	Lightion Buffor	
	Ligation Buffer	Not applicable.
	Ligation Buffer Adaptor Oligo Mix	
	Adaptor Oligo Mix	Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer	Not applicable. Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each	Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP)	Not applicable. Not applicable. Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each	Not applicable. Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA	Not applicable. Not applicable. Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix	Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block	Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer	Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix	Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer	Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer A01-H02	Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer	Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer A01-H02 SSel XT HS Cancer All-In-One	Not applicable. Not applicable.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer A01-H02	Not applicable. Not applicable.
Disposal	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer A01-H02 SSel XT HS Cancer All-In-One	Not applicable. Not applicable.

	End Repair-A Tailing Enzyme Mix	Not applicable.
	End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	Not applicable.
	Ligation Buffer	Not applicable.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer	Not applicable.
	100 mM dNTP Mix (25 mM each	Not applicable.
	dNTP)	
	Herculase II Fusion DNA	Not applicable.
	Polymerase	
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT Low	Not applicable.
	Input Blocker Mix	
	SureSelect Fast Hybridization	Not applicable.
	Buffer	
	SureSelect RNase Block	Not applicable.
	SureSelect Post- Capture Primer	Not applicable.
	Mix	
	SureSelect XT HS Index Primer	Not applicable.
	A01-H02	
	SSel XT HS Cancer All-In-One	Not applicable.
	Lung, 16 Reactions	
Supplemental Jabel	: End Repair-A Tailing Enzyme Mix	None known.
Supplemental label		
elements	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	None known.
	dNTP)	
	Herculase II Fusion DNA	Nono known
		None known.
	Polymerase	
	5X Herculase II Reaction Buffer	None known.
	SureSelect Binding Buffer	None known.
	SureSelect Wash Buffer 1	None known.
	SureSelect Wash Buffer 2	None known.
	SureSelect XT HS and XT Low	None known.
	Input Blocker Mix	
	SureSelect Fast Hybridization	None known.
		NOTE KIOWIT.
	Buffer	Niewe Lucci
	SureSelect RNase Block	None known.
	SureSelect Post- Capture Primer	None known.
	Mix	
	SureSelect XT HS Index Primer	None known.
	A01-H02	
	SSel XT HS Cancer All-In-One	None known.
	Lung, 16 Reactions	
2.3 Other hazards		
Hazards not otherwise	: End Repair-A Tailing Enzyme Mix	None known.
classified	End Repair-A Tailing Buffer	None known.
	T4 DNA Ligase	None known.
	Ligation Buffer	None known.
	Adaptor Oligo Mix	None known.
	Forward Primer	None known.
	100 mM dNTP Mix (25 mM each	None known.
	dNTP)	
	Herculase II Fusion DNA	None known.
Date of issue : 04/30/	2024	
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Polymerase	
5X Herculase II Reaction Buffer	None known.
SureSelect Binding Buffer	None known.
SureSelect Wash Buffer 1	None known.
SureSelect Wash Buffer 2	None known.
SureSelect XT HS and XT Low	None known.
Input Blocker Mix	
SureSelect Fast Hybridization	None known.
Buffer	
SureSelect RNase Block	None known.
SureSelect Post- Capture Primer	None known.
Mix	
SureSelect XT HS Index Primer	None known.
A01-H02	
SSel XT HS Cancer All-In-One	None known.
Lung, 16 Reactions	
0,	

# Section 3. Composition/information on ingredients

Substance/mixture	: End Repair-A Tailing Enzyme Mix	Mixture
	End Repair-A Tailing Buffer	Mixture
	T4 DNA Ligase	Mixture
	Ligation Buffer	Mixture
	Adaptor Oligo Mix	Mixture
	Forward Primer	Mixture
	100 mM dNTP Mix (25 mM each dNTP)	Mixture
	Herculase II Fusion DNA Polymerase	Mixture
	5X Herculase II Reaction Buffer	Mixture
	SureSelect Binding Buffer	Mixture
	SureSelect Wash Buffer 1	Mixture
	SureSelect Wash Buffer 2	Mixture
	SureSelect XT HS and XT Low Input Blocker Mix	Mixture
	SureSelect Fast Hybridization Buffer	Mixture
	SureSelect RNase Block	Mixture
	SureSelect Post- Capture Primer Mix	Mixture
	SureSelect XT HS Index Primer A01-H02	Mixture
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	Mixture

Ingredient name	%	CAS number
End Repair-A Tailing Enzyme Mix		
Glycerol	≥50 - ≤75	56-81-5
End Repair-A Tailing Buffer		
Potassium chloride	≤3	7447-40-7
T4 DNA Ligase		
Glycerol	≥50 - ≤75	56-81-5
Ligation Buffer		
Date of issue : 04/30/2024	I	8/7

SureSelect XT HS Reagent Kit, index 1-16 + SSel Cancer All-In-One Lung Panel, 16rxn, Part Number G9704R

Sureselect XTTTS Reagent Rit, index 1-10 + SSEI Gancer All-III-One I			
Section 3. Composition/information on ingredients			
Glycerol	≥10 - ≤25	56-81-5	
Herculase II Fusion DNA Polymerase			
Glycerol	≥50 - ≤75	56-81-5	
5X Herculase II Reaction Buffer			
Trometamol	≤3	77-86-1	
Hexadecan-1-ol, ethoxylated	<2.5	9004-95-9	
SureSelect Wash Buffer 1			
Sodium dodecyl sulphate	≤0.3	151-21-3	
SureSelect Wash Buffer 2			
Sodium dodecyl sulphate	≤0.3	151-21-3	
SureSelect RNase Block			
Glycerol	≥50 - ≤75	56-81-5	
SSel XT HS Cancer All-In-One Lung, 16 Reactions			
Glycerol	≤3	56-81-5	

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

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

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

4.1 Description of neces	ssary first aid measures	
4.1 Description of neces	ssary mist and medisares	
Eye contact	: End Repair-A Tailing Enzyme Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
	End Repair-A Tailing Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	T4 DNA Ligase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
	Ligation Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.

modelloo	
Adaptor Oligo Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.
	Check for and remove any contact lenses. Get medical attention if irritation occurs.
Forward Primer	Immediately flush eyes with plenty of water,
	occasionally lifting the upper and lower eyelids.
	Check for and remove any contact lenses. Get
	medical attention if irritation occurs.
100 mM dNTP Mix (25 mM each	Immediately flush eyes with plenty of water,
dNTP)	occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get
	medical attention if irritation occurs.
Herculase II Fusion DNA	Immediately flush eyes with plenty of water,
Polymerase	occasionally lifting the upper and lower eyelids.
	Check for and remove any contact lenses.
	Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
5X Herculase II Reaction Buffer	Immediately flush eyes with plenty of water,
-	occasionally lifting the upper and lower eyelids.
	Check for and remove any contact lenses. Get
	medical attention if irritation occurs.
SureSelect Binding Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.
	Check for and remove any contact lenses. Get
	medical attention if irritation occurs.
SureSelect Wash Buffer 1	Immediately flush eyes with plenty of water,
	occasionally lifting the upper and lower eyelids.
	Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect Wash Buffer 2	Immediately flush eyes with plenty of water,
	occasionally lifting the upper and lower eyelids.
	Check for and remove any contact lenses. Get
SureSelect XT HS and XT Low	medical attention if irritation occurs. Immediately flush eyes with plenty of water,
Input Blocker Mix	occasionally lifting the upper and lower eyelids.
	Check for and remove any contact lenses. Get
	medical attention if irritation occurs.
SureSelect Fast Hybridization	Immediately flush eyes with plenty of water,
Buffer	occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get
	medical attention if irritation occurs.
SureSelect RNase Block	Immediately flush eyes with plenty of water,
	occasionally lifting the upper and lower eyelids.
	Check for and remove any contact lenses.
	Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
SureSelect Post- Capture Primer	Immediately flush eyes with plenty of water,
Mix	occasionally lifting the upper and lower eyelids.
	Check for and remove any contact lenses. Get
Sure Coloct VT LIC Index Drives -	medical attention if irritation occurs.
SureSelect XT HS Index Primer A01-H02	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.
, 101 1102	Check for and remove any contact lenses. Get
	medical attention if irritation occurs.
SSel XT HS Cancer All-In-One	Immediately flush eyes with plenty of water,
Lung, 16 Reactions	occasionally lifting the upper and lower eyelids.
	Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation	: End Repair-A Tailing Enzyme Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
	End Repair-A Tailing Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	T4 DNA Ligase Ligation Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or
	Adaptar Oliga Miy	oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
	Adaptor Oligo Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	Forward Primer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	100 mM dNTP Mix (25 mM each dNTP)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	Herculase II Fusion DNA Polymerase	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or

	oxygen by trained personnel. It may be
	dangerous to the person providing aid to give
	mouth-to-mouth resuscitation. Get medical
	attention if adverse health effects persist or are
	severe. If unconscious, place in recovery position
	and get medical attention immediately. Maintain
	an open airway. Loosen tight clothing such as a
	collar, tie, belt or waistband.
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
Quero Cala et Die die e Duffer	hours.
SureSelect Binding Buffer	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. Get medical
Ourse Cala at Marala Duffan 1	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
SureSelect Wash Buffer 2	attention if symptoms occur.
SureSelect wash Buller 2	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. Get medical
SureSelect XT HS and XT Low	attention if symptoms occur.
Input Blocker Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical
SuraSalaat East Hybridization	attention if symptoms occur. Remove victim to fresh air and keep at rest in a
SureSelect Fast Hybridization Buffer	position comfortable for breathing. Get medical
Dullei	attention if symptoms occur. In case of inhalation
	of decomposition products in a fire, symptoms
	may be delayed. The exposed person may need
	to be kept under medical surveillance for 48
	hours.
SureSelect RNase Block	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. If not
	breathing, if breathing is irregular or if respiratory
	arrest occurs, provide artificial respiration or
	oxygen by trained personnel. It may be
	dangerous to the person providing aid to give
	mouth-to-mouth resuscitation. Get medical
	attention if adverse health effects persist or are
	severe. If unconscious, place in recovery position
	and get medical attention immediately. Maintain
	an open airway. Loosen tight clothing such as a
	collar, tie, belt or waistband.
SureSelect Post- Capture Primer	Remove victim to fresh air and keep at rest in a
Mix	position comfortable for breathing. Get medical
	attention if symptoms occur.
SureSelect XT HS Index Primer	Remove victim to fresh air and keep at rest in a
A01-H02	position comfortable for breathing. Get medical
	attention if symptoms occur.
SSel XT HS Cancer All-In-One	Remove victim to fresh air and keep at rest in a
Lung, 16 Reactions	position comfortable for breathing. Get medical
	attention if symptoms occur.

Skin contact	: End Repair-A Tailing Enzyme Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
	End Repair-A Tailing Buffer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	T4 DNA Ligase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly
	Ligation Buffer	before reuse. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly
	Adaptor Oligo Mix	before reuse. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Forward Primer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	100 mM dNTP Mix (25 mM each dNTP)	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. Wash clothing before reuse. Clean shoes thoroughly before reuse.
	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 contaminated clothing and shoes. Get medical attention if symptoms occur.
	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. Wash clothing before reuse. Clean shoes thoroughly before reuse.
	SureSelect Post- Capture Primer Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect XT HS Index Primer A01-H02	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get

	SSel XT HS Cancer All-In-One Lung, 16 Reactions	medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get
Ingestion :	End Repair-A Tailing Enzyme Mix	medical attention if symptoms occur. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the
		exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels
		sick as vomiting may be dangerous. Do not induce
		vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be
		kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects
		persist or are severe. Never give anything by
		mouth to an unconscious person. If unconscious, place in recovery position and get medical attention
		immediately. Maintain an open airway. Loosen
	End Repair-A Tailing Buffer	tight clothing such as a collar, tie, belt or waistband. Wash out mouth with water. If material has been
		swallowed and the exposed person is conscious,
		give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical
		personnel. Get medical attention if symptoms occur.
	T4 DNA Ligase	Wash out mouth with water. Remove dentures if
		any. If material has been swallowed and the exposed person is conscious, give small quantities
		of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce
		vomiting unless directed to do so by medical
		personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.
		Get medical attention if adverse health effects persist or are severe. Never give anything by
		mouth to an unconscious person. If unconscious,
		place in recovery position and get medical attention immediately. Maintain an open airway. Loosen
	Ligation Buffer	tight clothing such as a collar, tie, belt or waistband. Wash out mouth with water. Remove dentures if
		any. If material has been swallowed and the
		exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels
		sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical
		personnel. If vomiting occurs, the head should be
		kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects
		persist or are severe. Never give anything by mouth to an unconscious person. If unconscious,
		place in recovery position and get medical attention
		immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
	Adaptor Oligo Mix	Wash out mouth with water. If material has been
		swallowed and the exposed person is conscious, give small quantities of water to drink. Do not
		induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms
	Forward Primer	occur. Wash out mouth with water. If material has been
	I OIWAIU FIIIICI	swallowed and the exposed person is conscious,
		give small quantities of water to drink. Do not

	induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
100 mM dNTP Mix (25 mM each dNTP)	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Herculase II Fusion DNA Polymerase	Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
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 symptoms occur.
SureSelect Wash Buffer 1	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect Wash Buffer 2	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect XT HS and XT Low Input Blocker Mix	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect Fast Hybridization Buffer	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect RNase Block	Wash out mouth with water. Remove dentures if

<ul> <li>SureSelect Post- Capture Primer Mix</li> <li>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 medica personnel. Get medical attention if symptoms occur.</li> <li>SureSelect XT HS Index Primer A01-H02</li> <l< th=""><th></th><th></th><th>any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen</th></l<></ul>			any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen
A01-H02 swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medica personnel. Get medical attention if 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 medica personnel. Get medical attention if symptoms		•	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
Lung, 16 Reactions swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medica personnel. Get medical attention if symptoms			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
			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
/effects, acute and delayed	/e	ffects, acute and delayed	

#### 4.2 Most important symptoms/effects, acute and delayed

Potential acute health effects		
Eye contact :	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	Causes eye irritation. No known significant effects or critical hazards. Causes eye irritation. Causes eye irritation. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
	dNTP) Herculase II Fusion DNA Polymerase	Causes eye irritation.
	5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix	No known significant effects or critical hazards. No known significant effects or critical hazards. Causes eye irritation. No known significant effects or critical hazards.
	SureSelect XT HS Index Primer A01-H02	No known significant effects or critical hazards.
	SSel XT HS Cancer All-In-One Lung, 16 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	No known significant effects or critical hazards.
	dNTP) Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast Hybridization	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post- Capture Primer	No known significant effects or critical hazards.
	Mix SureSelect XT HS Index Primer A01-H02	No known significant effects or critical hazards.
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	No known significant effects or critical hazards.
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 mM each	No known significant effects or critical hazards.
	dNTP) Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast Hybridization	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.
	SureSelect XT HS Index Primer A01-H02	No known significant effects or critical hazards.
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	No known significant effects or critical hazards.
Ingestion :	End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
-	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each	No known significant effects or critical hazards.
	dNTP)	No los sem standitos e de directo de la 1910 de la
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.

	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low	No known significant effects or critical hazards.
		No known significant effects of childar hazards.
	Input Blocker Mix	
	SureSelect Fast Hybridization	No known significant effects or critical hazards.
	Buffer	
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post- Capture Primer	No known significant effects or critical hazards.
	Mix	0
	SureSelect XT HS Index Primer	No known significant effects or critical hazards.
	A01-H02	
		No known aignifiaant offaata ar aritiaal bazarda
	SSel XT HS Cancer All-In-One	No known significant effects or critical hazards.
	Lung, 16 Reactions	
Over-exposure signs/symptor	<u>ns</u>	
Eye contact :	End Repair-A Tailing Enzyme Mix	Adverse symptoms may include the following:
Lye contact .		irritation
		watering
		redness
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	Adverse symptoms may include the following:
		irritation
		watering
		redness
	Ligation Buffer	Adverse symptoms may include the following:
	Ligation Banel	irritation
		watering
		redness
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each	No specific data.
	dNTP)	
	Herculase II Fusion DNA	Adverse symptoms may include the following:
	Polymerase	
	,	irritation
		watering
		redness
	EV Hereulees II Depation Buffer	
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low	No specific data.
	Input Blocker Mix	
	SureSelect Fast Hybridization	No specific data.
	Buffer	···· · · · · · · · · · · · · · · · · ·
	SureSelect RNase Block	Adverse symptoms may include the following:
	Oureoclect Anase Diock	irritation
		watering
		redness
	SureSelect Post- Capture Primer	No specific data.
	Mix	
	SureSelect XT HS Index Primer	No specific data.
	A01-H02	
	SSel XT HS Cancer All-In-One	No specific data.
	Lung, 16 Reactions	
	<u> </u>	

Inhalation	: End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Herculase II Fusion DNA Polymerase	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low Input Blocker Mix	No specific data.
	SureSelect Fast Hybridization	No specific data.
	Buffer	·
	SureSelect RNase Block	No specific data.
	SureSelect Post- Capture Primer	No specific data.
	Mix SureSelect XT HS Index Primer	No specific data.
	A01-H02 SSel XT HS Cancer All-In-One	No specific data.
	Lung, 16 Reactions	
Skin contact	: End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Herculase II Fusion DNA Polymerase	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low	No specific data.
	Input Blocker Mix SureSelect Fast Hybridization	No specific data.
	Buffer	·
	SureSelect RNase Block	No specific data.
	SureSelect Post- Capture Primer Mix	No specific data.
	SureSelect XT HS Index Primer A01-H02	No specific data.
	SSel XT HS Cancer All-In-One Lung, 16 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.
	i orymerase	

Section 4. First alu	illeasules	
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low Input Blocker Mix	No specific data.
	SureSelect Fast Hybridization Buffer	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Post- Capture Primer Mix	No specific data.
	SureSelect XT HS Index Primer A01-H02	No specific data.
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	No specific data.
4.3 Indication of immediate me	dical attention and special treatme	ent needed, if necessary
Notes to physician :	End Repair-A Tailing Enzyme Mix	Treat symptomatically. Contact poison treatment
		specialist immediately if large quantities have been ingested or inhaled.
	End Repair-A Tailing Buffer	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed 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
	Adaptor Oligo Mix	ingested or inhaled. 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 Polymerase	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	5X Herculase II Reaction 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
	SureSelect Binding Buffer	surveillance for 48 hours. 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 2	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect XT HS and XT Low Input Blocker Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

	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
	SureSelect RNase Block	surveillance for 48 hours. Treat symptomatically. Contact poison treatment
	SureSalact Dest. Conture Drimer	specialist immediately if large quantities have been ingested or inhaled.
	SureSelect Post- Capture Primer Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect XT HS Index Primer A01-H02	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer	No specific treatment. No specific treatment.
	T4 DNA Ligase	No specific treatment.
	Ligation Buffer	No specific treatment.
	Adaptor Oligo Mix Forward Primer	No specific treatment. No specific treatment.
	100 mM dNTP Mix (25 mM each dNTP)	No specific treatment.
	Herculase II Fusion DNA Polymerase	No specific treatment.
	5X Herculase II Reaction Buffer	No specific treatment.
	SureSelect Binding Buffer	No specific treatment.
	SureSelect Wash Buffer 1	No specific treatment.
	SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix	No specific treatment. No specific treatment.
	SureSelect Fast Hybridization Buffer	No specific treatment.
	SureSelect RNase Block SureSelect Post- Capture Primer Mix	No specific treatment. No specific treatment.
	SureSelect XT HS Index Primer A01-H02	No specific treatment.
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	No specific treatment.
Protection of first-aiders	: End Repair-A Tailing Enzyme Mix	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to
		the person providing aid to give mouth-to-mouth resuscitation.
	End Repair-A Tailing Buffer	No action shall be taken involving any personal risk or without suitable training.
	T4 DNA Ligase	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth
		resuscitation.
	Ligation Buffer	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth
	Adaptor Oligo Mix	resuscitation. No action shall be taken involving any personal risk
		or without suitable training.
	Forward Primer	No action shall be taken involving any pareonal rick
	Forward Primer 100 mM dNTP Mix (25 mM each	No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk

dNTP)	or without suitable training.
Herculase II Fusion DNA	No action shall be taken involving any personal risk
Polymerase	or without suitable training. It may be dangerous to
	the person providing aid to give mouth-to-mouth
	resuscitation.
5X Herculase II Reaction Buffer	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect Binding Buffer	No action shall be taken involving any personal risk
5	or without suitable training.
SureSelect Wash Buffer 1	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect Wash Buffer 2	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect XT HS and XT Low	No action shall be taken involving any personal risk
Input Blocker Mix	or without suitable training.
SureSelect Fast Hybridization	No action shall be taken involving any personal risk
Buffer	or without suitable training.
SureSelect RNase Block	No action shall be taken involving any personal risk
Sureceieet Mase Diock	or without suitable training. It may be dangerous to
	the person providing aid to give mouth-to-mouth
	resuscitation.
SuraSalast Dest. Capture Drimer	
SureSelect Post- Capture Primer Mix	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect XT HS Index Primer	No action shall be taken involving any personal risk
A01-H02	or without suitable training.
SSel XT HS Cancer All-In-One	No action shall be taken involving any personal risk
Lung, 16 Reactions	or without suitable training.

See toxicological information (Section 11)

5.1 Extinguishing me	edia			
Suitable extinguish media	ing : E	End Repair-A Tailing Enzyme Mix	Use an extinguishing agent suitable for the surrounding fire.	
	E	End Repair-A Tailing Buffer	Use an extinguishing agent suitable for the surrounding fire.	
	Т	4 DNA Ligase	Use an extinguishing agent suitable for the surrounding fire.	
	L	igation Buffer	Use an extinguishing agent suitable for the surrounding fire.	
	4	Adaptor Oligo Mix	Use an extinguishing agent suitable for the surrounding fire.	
	F	Forward Primer	Use an extinguishing agent suitable for the surrounding fire.	
		00 mM dNTP Mix (25 mM each INTP)	Use an extinguishing agent suitable for the surrounding fire.	
	-	lerculase II Fusion DNA Polymerase	Use an extinguishing agent suitable for the surrounding fire.	
	5	X Herculase II Reaction Buffer	Use an extinguishing agent suitable for the surrounding fire.	
	S	SureSelect Binding Buffer	Use an extinguishing agent suitable for the surrounding fire.	
	S	SureSelect Wash Buffer 1	Use an extinguishing agent suitable for the surrounding fire.	
	S	SureSelect Wash Buffer 2	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect XT HS and XT Low nput Blocker Mix	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect Fast Hybridization	Use an extinguishing agent suitable for the	
Date of issue :	04/30/2024			22/75

Section 5. The-light	ling measures	
	Buffer SureSelect RNase Block	surrounding fire. Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Post- Capture Primer Mix	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect XT HS Index Primer A01-H02	Use an extinguishing agent suitable for the surrounding fire.
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase	None known. None known. 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.
	SureSelect XT HS Index Primer A01-H02	None known.
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	None known.
5.2 Special hazards arising fro	om the substance or mixture	
Specific hazards arising from the chemical	End Repair-A Tailing Enzyme Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
	End Repair-A Tailing Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
	T4 DNA Ligase	In a fire or if heated, a pressure increase will occur and the container may burst.
	Ligation Buffer	In a fire or if heated, a pressure increase will occur 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	In a fire or if heated, a pressure increase will occur
	Polymerase	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 Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Wash Buffer 1	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Wash Buffer 2	In a fire or if heated, a pressure increase will occur

Hazardous thermal decomposition products Hazardous thermal decomposition products may include the following materials: carbon dioxide carbon monoxide Halogeneted compounds heliogeneted com		•	
Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect RNase Block SureSelect RNase Block SureSelect TX IS Index Primer A01-H02 SSel XT HS Cancer All-n-One Lung, 16 Reactions End Repair-A Tailing Enzyme Mix Becomposition products may include the following materials: carbon dioxide carbon monoxide Decomposition products may include the following materials: carbon dioxide carbon monoxide Ligation Buffer Ligation Buffer Ligation Buffer Ligation Buffer SureSelect Binding Buffer SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low In a fire Adata. No specific data. No specif			
Hazardous thermal decomposition products       SureSelect Past Hybridization Buffer       In a fire or if heated, a pressure increase will occur and the container may burst.         Hazardous thermal decomposition products       SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer A01+402.       In a fire or if heated, a pressure increase will occur and the container may burst.         Hazardous thermal decomposition products       End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer       Decomposition products may include the following materials: carbon dioxide carbon monoxide         T4 DNA Ligase       T4 DNA Ligase       Decomposition products may include the following materials: carbon dioxide carbon monoxide         Ligation Buffer       Ligation Buffer       Decomposition products may include the following materials: carbon dioxide carbon monoxide         Ligation Buffer       Decomposition products may include the following materials: carbon dioxide carbon monoxide         Harculase II Fusion DNA Polymerase       Decomposition products may include the following materials: carbon dioxide carbon monoxide         SureSelect Binding Buffer       Decomposition products may include the following materials: carbon dioxide carbon monoxide         SureSelect Binding Buffer       Decomposition products may include the following materials: carbon dioxide carbon monoxide         SureSelect Binding Buffer       Decomposition products may include the following materials: carbon dioxide carbon monoxide         SureSelect Binding Buffer       SureSelect Wash Buffer 1 Sure			
Buffer       and the container may burst.         SureSelect RNase Block       In a fire or if headt, a pressure increase will occur and the container may burst.         SureSelect XT HS Index Primer Nix       In fire or if headt, a pressure increase will occur and the container may burst.         SureSelect XT HS Index Primer A01-H02       In fire or if headt, a pressure increase will occur and the container may burst.         SSEI XT HS Cancer All-In-On Lung, 16 Reactions       In fire or if headt, a pressure increase will occur and the container may burst.         End Repair-A Tailing Buffer       Decomposition products may include the following materials: carbon dioxide carbon monoxide         End Repair-A Tailing Buffer       Decomposition products may include the following materials: carbon monoxide anterials: carbon monoxide         T4 DNA Ligase       Decomposition products may include the following materials: carbon dioxide carbon monoxide arbon monoxide         Ligation Buffer       Decomposition products may include the following materials: carbon dioxide carbon monoxide arbon monoxide arbon monoxide carbon dioxide carbon monoxide carbon		Input Blocker Mix	
Buffer       and the container may burst.         SureSelect RNase Block       In a fire or if headt, a pressure increase will occur and the container may burst.         SureSelect XT HS Index Primer Nix       In fire or if headt, a pressure increase will occur and the container may burst.         SureSelect XT HS Index Primer A01-H02       In fire or if headt, a pressure increase will occur and the container may burst.         SSEI XT HS Cancer All-In-On Lung, 16 Reactions       In fire or if headt, a pressure increase will occur and the container may burst.         End Repair-A Tailing Buffer       Decomposition products may include the following materials: carbon dioxide carbon monoxide         End Repair-A Tailing Buffer       Decomposition products may include the following materials: carbon monoxide anterials: carbon monoxide         T4 DNA Ligase       Decomposition products may include the following materials: carbon dioxide carbon monoxide arbon monoxide         Ligation Buffer       Decomposition products may include the following materials: carbon dioxide carbon monoxide arbon monoxide arbon monoxide carbon dioxide carbon monoxide carbon		SureSelect Fast Hybridization	In a fire or if heated, a pressure increase will occur
Hazardous thermal decomposition products       SureSelect RNase Block SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer AD1-H02       In a fire or if heated, a pressure increase will occur and the container may burst.         Hazardous thermal decomposition products       In a fire or if heated, a pressure increase will occur and the container may burst.         I 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.         I 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.         I 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.         I 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.         I 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.         I 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.         I 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.         I a fire or if heated, a pressure increase			
Hazardous thermal decomposition products       SureSelect XT HS Index Primer A01-H02 Stell XT HS Cancer All-In-One Lung, 16 Reactions       In fire or if heated, a pressure increase will occur and the container may burst.         Hazardous thermal decomposition products       : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer       Decomposition products may include the following materials: carbon dioxide carbon monxide         T4 DNA Ligase       T4 DNA Ligase       Decomposition products may include the following materials: carbon monxide         Ligation Buffer       Ligation Buffer       Decomposition products may include the following materials: carbon monxide         100 mM ANTP Mix (25 mM each MTP)       No specific data.       No specific data.         100 mM ANTP Mix (25 mM each MTP)       Decomposition products may include the following materials: carbon monxide         Adaptor Oligo Mix Forward Primer 100 mM ANTP Mix (25 mM each MTP)       No specific data.         SureSelect Binding Buffer       Decomposition products may include the following materials: carbon monxide         SureSelect Wash Buffer 1 SureSelect XT HS and XT Low Input Blocker Mix       No specific data.		SureSelect RNase Block	
SureSelect Post- Capture Primer Mix       In a fire or if heated, a pressure increase will occur A01-H02         Hazardous thermal decomposition products       Is fire or if heated, a pressure increase will occur and the container may burst.         Hazardous thermal decomposition products       Is fire or if heated, a pressure increase will occur and the container may burst.         Hazardous thermal decomposition products       Is fire or if heated, a pressure increase will occur and the container may burst.         Hazardous thermal decomposition products       Is fire or if heated, a pressure increase will occur and the container may burst.         Is a fire or if heated, a pressure increase will occur anterials: carbon dioxide carbon monxide       In a fire or if heated, a pressure increase will occur anterials: carbon dioxide carbon monxide         Is a fire or if heated, a pressure increase will occur anterials: carbon dioxide carbon monxide       In a fire or if heated, a pressure increase will occur anterials: carbon dioxide carbon monxide         T4 DNA Ligase       Decomposition products may include the following materials: carbon monxide         Ligation Buffer       Decomposition products may include the following materials: carbon monxide         NOP       Mix (25 mM each MTP)       No specific data.         NOP       EX Herculase II Fusion DNA Polymerase       Decomposition products may include the following materials: carbon dioxide carbon monxide         SureSelect Binding Buffer       SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect Wash Buffer 1			
Mix       and the container may burst.         SureSelect XT HS Index Primer A01-H02       In freo or if headed, a pressure increase will occur and the container may burst.         Hazardous thermal decomposition products       : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer       Decomposition products may include the following materials: carbon dioxide carbon monxide         T4 DNA Ligase       Decomposition products may include the following materials: carbon dioxide carbon monxide       Decomposition products may include the following materials: carbon monxide         Ligation Buffer       Ligation Buffer       Decomposition products may include the following materials: carbon dioxide carbon monxide         Adaptor Oligo Mix       No specific data.       No specific data.         MTP)       Materials: carbon monxide       Decomposition products may include the following materials: carbon dioxide carbon monxide         MATP)       Magptor Oligo Mix       No specific data.       No specific data.         MTP)       Excesse II Resction Buffer       Decomposition products may include the following materials: carbon dioxide carbon monxide         SureSelect Binding Buffer       Decomposition products may include the following materials: carbon monxide         SureSelect Wash Buffer 1       No specific data.         No specific data.       Decomposition products may include the following materials: carbon monxide         Mix = SureSelect Wash Buffer 1       No specific data. <th></th> <td>SureSelect Post- Canture Primer</td> <td></td>		SureSelect Post- Canture Primer	
Hazardous thermal decomposition products       SureSelect XT HS Index Primer A01-H02 SSel XT HS Cancer All-In-One Lung, 16 Reactions       In a fire or if heated, a pressure increase will occur and the container may burst.         Hazardous thermal decomposition products       End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer       Decomposition products may include the following materials: carbon moxide carbon moxide         T4 DNA Ligase       T4 DNA Ligase       Decomposition products may include the following materials: carbon moxide         T4 DNA Ligase       Decomposition products may include the following materials: carbon moxide         T4 DNA Ligase       Decomposition products may include the following materials: carbon moxide         Ligation Buffer       Decomposition products may include the following materials: carbon moxide         100 mM dNTP Mix (25 mM each dNTP)       Decomposition products may include the following materials: carbon moxide         40 mM dNTP Mix (25 mM each dNTP)       Decomposition products may include the following materials: carbon moxide         5X Herculase II Fusion DNA Polymerase       Decomposition products may include the following materials: carbon moxide         5X Herculase II Reaction Buffer       Decomposition products may include the following materials: carbon moxide         5X Herculase II Reaction Buffer       Decomposition products may include the following materials: carbon moxide         5X Herculase II Reaction Buffer       Decomposition products may include the following materials: carbon moxide <th></th> <td></td> <td></td>			
Hazardous thermal decomposition products       A01-H02 SSei UT HS Cancer All-In-One Lung, 16 Reactions       and the container may burst.         End Repair-A Tailing Enzyme Mix       Decomposition products may include the following materials: carbon monoxide         End Repair-A Tailing Buffer       Decomposition products may include the following materials: carbon dioxide         T4 DNA Ligase       Decomposition products may include the following materials: carbon monoxide         T4 DNA Ligase       Decomposition products may include the following materials: carbon monoxide         Ligation Buffer       Decomposition products may include the following materials: carbon monoxide         Ligation Buffer       Decomposition products may include the following materials: carbon monoxide         100 mM MTP       Mix (25 mM each dNTP)       No specific data. No specific data. No specific data. Polymerase         6X Herculase II Fusion DNA Polymerase       Decomposition products may include the following materials: carbon monoxide         SureSelect Binding Buffer       Decomposition products may include the following materials: carbon monoxide         SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureS			
Hazardous thermal decomposition products       In a fire or if heated, a pressure increase will occur and the container may burst.         End Repair-A Tailing Enzyme Mix       Decomposition products may include the following materials: carbon moxide         End Repair-A Tailing Buffer       Decomposition products may include the following materials: carbon moxide         T4 DNA Ligase       Decomposition products may include the following materials: carbon moxide         T4 DNA Ligase       Decomposition products may include the following materials: carbon moxide         Ligation Buffer       Decomposition products may include the following materials: carbon moxide         Ligation Buffer       Decomposition products may include the following materials: carbon moxide         100 mM MOTP Mix (25 mM each dNTP)       No specific data.         Herculase II Fusion DNA Polymerase       Decomposition products may include the following materials: carbon moxide         5X Herculase II Reaction Buffer       Decomposition products may include the following materials: carbon moxide         5X Herculase II Reaction Buffer       Decomposition products may include the following materials: carbon moxide         5X Herculase II Reaction Buffer       Decomposition products may include the following materials: carbon moxide         SureSelect Wash Buffer 1       No specific data.         No specific data.       Decomposition products may include the following materials: carbon moxide         SureSelect Wash Buffer 1 </td <th></th> <td></td> <td></td>			
Hazardous thermal decomposition products     End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer     Decomposition products may include the following materials: carbon monoxide       End Repair-A Tailing Buffer     Decomposition products may include the following materials: carbon monoxide       T4 DNA Ligase     Decomposition products may include the following materials: carbon monoxide       T4 DNA Ligase     Decomposition products may include the following materials: carbon monoxide       Ligation Buffer     Decomposition products may include the following materials: carbon monoxide       Ligation Buffer     Decomposition products may include the following materials: carbon monoxide       Ligation Buffer     Decomposition products may include the following materials: carbon monoxide       100 mM dNTP Mix (25 mM each dNTP)     Decomposition products may include the following materials: carbon monoxide       100 mM dNTP Mix (25 mM each dNTP)     Decomposition products may include the following materials: carbon monoxide       5X Herculase II Fusion DNA Polymerase     Decomposition products may include the following materials: carbon monoxide       5X Herculase II Reaction Buffer     Decomposition products may include the following materials: carbon monoxide       SureSelect Binding Buffer     Decomposition products may include the following materials: carbon monoxide       SureSelect Wash Buffer 1     No specific data. No spec			
Hazardous thermal decomposition products       : End Repair-A Tailing Enzyme Mix earbon dioxide carbon monoxide       Decomposition products may include the following materials: carbon monoxide earbon monoxide         End Repair-A Tailing Buffer       Decomposition products may include the following materials: carbon monoxide nitrogen oxides halogenated compounds metal oxide/oxides         T4 DNA Ligase       Decomposition products may include the following materials: carbon dioxide carbon monoxide         Ligation Buffer       Decomposition products may include the following materials: carbon monoxide         Adaptor Oligo Mix Forward Primer       No specific data.         100 mM dNTP Mix (25 mM each dNTP)       Decomposition products may include the following materials: carbon dioxide         Herculase II Fusion DNA Polymerase       Decomposition products may include the following materials: carbon dioxide         5X Herculase II Reaction Buffer       Decomposition products may include the following materials: carbon dioxide         5X Herculase II Reaction Buffer       Decomposition products may include the following materials: carbon dioxide         5X Herculase II Reaction Buffer       Decomposition products may include the following materials: carbon dioxide         SureSelect Binding Buffer       No specific data.         SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Wash Buff			•
decomposition products       materials:       carbon dioxide         earbon monoxide       Decomposition products may include the following materials:         carbon monoxide       Decomposition products may include the following materials:         carbon monoxide       Decomposition products may include the following materials:         carbon monoxide       Decomposition products may include the following materials:         carbon monoxide       Decomposition products may include the following materials:         carbon monoxide       Decomposition products may include the following materials:         carbon monoxide       Decomposition products may include the following materials:         carbon monoxide       Decomposition products may include the following materials:         carbon monoxide       No specific data.         No specific data.       No specific data.         100 M dNTP Mix (25 mM each dNTP)       Decomposition products may include the following materials:         carbon dioxide       carbon monoxide         nitrogen oxides       Decomposition products may include the following materials:         carbon dioxide       carbon monoxide         for divide       carbon dioxide         carbon dioxide       carbon monoxide         for divide       carbon monoxide         for divide       carbon dioxide         c		Lung, 16 Reactions	and the container may burst.
decomposition products       materials:       carbon dioxide         earbon monoxide       Decomposition products may include the following materials:         carbon monoxide       Decomposition products may include the following materials:         carbon monoxide       Decomposition products may include the following materials:         carbon monoxide       Decomposition products may include the following materials:         carbon monoxide       Decomposition products may include the following materials:         carbon monoxide       Decomposition products may include the following materials:         carbon monoxide       Decomposition products may include the following materials:         carbon monoxide       Decomposition products may include the following materials:         carbon monoxide       No specific data.         No specific data.       No specific data.         100 M dNTP Mix (25 mM each dNTP)       Decomposition products may include the following materials:         carbon dioxide       carbon monoxide         nitrogen oxides       Decomposition products may include the following materials:         carbon dioxide       carbon monoxide         for divide       carbon dioxide         carbon dioxide       carbon monoxide         for divide       carbon monoxide         for divide       carbon dioxide         c	Hazardous thermal	: End Repair-A Tailing Enzyme Mix	Decomposition products may include the following
<ul> <li>carbon dioxide</li> <li>carbon monoxide</li> <li>End Repair-A Tailing Buffer</li> <li>End Repair-A Tailing Buffer</li> <li>End Repair-A Tailing Buffer</li> <li>Carbon dioxide</li> <li>carbon dioxide</li> <li>carbon monoxide</li> <li>nitrogen oxides</li> <li>halogenated compounds</li> <li>metal oxide/oxides</li> <li>Decomposition products may include the following</li> <li>materials:</li> <li>carbon monoxide</li> <li>Decomposition products may include the following</li> <li>materials:</li> <li>carbon monoxide</li> <li>Ligation Buffer</li> <li>Adaptor Oligo Mix</li> <li>Forward Primer</li> <li>No specific data.</li> <li>100 mM dNTP Mix (25 mM each</li> <li>dNTP)</li> <li>Herculase II Fusion DNA</li> <li>Polymerase</li> <li>Herculase II Reaction Buffer</li> <li>SX Herculase II Reaction Buffer</li> <li>No specific data.</li> <li>No specific data.</li></ul>		1 5 5	
carbon monoxide Decomposition products may include the following materials: carbon dioxide arbon monoxide nitrogen oxides halogenated compounds metal oxide/oxides Decomposition products may include the following materials: carbon dioxide carbon monoxide Ligation Buffer Ligation Buffer Adaptor Oligo Mix Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect XT HS and XT Low Input Blocker Mix			
End Repair-A Tailing Buffer materials: carbon dioxide carbon monoxide halogenated compounds materials: carbon monoxide halogenated compounds materials: carbon dioxide carbon monoxide Ligation Buffer Ligation Buffer Adaptor Oligo Mix Adaptor Oligo Mix Adaptor Oligo Mix Forward Primer No specific data. 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Peloymerase Adaptor arbon dioxide carbon monoxide becomposition products may include the following materials: carbon dioxide carbon monoxide Decomposition products may include the following materials: carbon dioxide carbon monoxide Decomposition products may include the following materials: carbon dioxide carbon monoxide No specific data. No specific data. SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect XT HS and XT Low Input Blocker Mix			
T4 DNA Ligase T4 DNA Decomposition products may include the following materials: carbon dioxide Carbon monoxide No specific data. No specific data. No specific data. Decomposition products may include the following materials: carbon dioxide Carbon monoxide Decomposition products may include the following materials: Carbon dioxide Carbon monoxide NTP) T4 DPA Decomposition products may include the following materials: Carbon dioxide Carbon monoxide Decomposition products may include the following materials: Carbon dioxide Carbon monoxide Decomposition products may include the following materials: Carbon dioxide Carbon monoxide Decomposition products may include the following materials: Carbon dioxide Carbon monoxide Decomposition products may include the following materials: Carbon dioxide Carbon monoxide Decomposition products may include the following materials: Carbon dioxide Carbon monoxide Decomposition products may include the following materials: Carbon dioxide Carbon monoxide Decomposition products may include the following materials: Carbon dioxide Carbon monoxide Decomposition products may include the following materials: Carbon dioxide Carbon monoxide Decomposition products may include the following materials: Carbon dioxide Carbon monoxide Decomposition products may include the following materials: Carbon dioxide Carbon monoxide Decomposition products may include the following materials: Carbon Monoxide Decomposition products may include		End Danair & Tailing Duffar	
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Input Blocker Mix		SureSelect XT HS and XT Low	
		Input Blocker Mix	
			Decomposition products may include the following
			· · · · · · · · · · · · · · · · · · ·

Section 5. Fire-figr		
	Buffer	materials:
		carbon dioxide
		carbon monoxide nitrogen oxides
		halogenated compounds
		metal oxide/oxides
	SureSelect RNase Block	Decomposition products may include the following
		materials:
		carbon dioxide
		carbon monoxide
	SureSelect Post- Capture Primer	No specific data.
	Mix SureSelect XT HS Index Primer A01-H02	No specific data.
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	Decomposition products may include the following materials: carbon dioxide
		carbon monoxide
5.3 Advice for firefighters		
Special protective actions	: End Repair-A Tailing Enzyme Mix	Promptly isolate the scene by removing all persons
for fire-fighters		from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	End Repair-A Tailing Buffer	Promptly isolate the scene by removing all persons
		from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	T4 DNA Ligase	Promptly isolate the scene by removing all persons
	5	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
	0	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 quitable training
	Forward Primer	without suitable training. Promptly isolate the scene by removing all persons
	I Ofward Fillier	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
	100 mM dNTP Mix (25 mM each	Promptly isolate the scene by removing all persons
	dNTP)	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
	Herculase II Fusion DNA	Promptly isolate the scene by removing all persons
	Polymerase	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or without suitable training
	5X Herculase II Reaction Buffer	without suitable training. Promptly isolate the scene by removing all persons
		from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
	SureSelect Binding Buffer	Promptly isolate the scene by removing all persons
	-	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or

		without suitable training.
	SureSelect Wash Buffer 1	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
	SureSelect Wash Buffer 2	without suitable training. Promptly isolate the scene by removing all persons
	Surecelect wash build 2	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
	SureSelect XT HS and XT Low	without suitable training. Promptly isolate the scene by removing all persons
	Input Blocker Mix	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
	SureSelect Fast Hybridization	without suitable training. Promptly isolate the scene by removing all persons
	Buffer	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
	SureSelect RNase Block	without suitable training. Promptly isolate the scene by removing all persons
	Surecelect Mase Diock	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
	SureSelect Post- Capture Primer	without suitable training. Promptly isolate the scene by removing all persons
	Mix	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
	SureSelect XT HS Index Primer	without suitable training. Promptly isolate the scene by removing all persons
	A01-H02	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
	SSel XT HS Cancer All-In-One	without suitable training. Promptly isolate the scene by removing all persons
	Lung, 16 Reactions	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	: End Repair-A Tailing Enzyme Mix	Fire-fighters should wear appropriate protective
equipment for fire-fighters		equipment and self-contained breathing apparatus
		(SCBA) with a full face-piece operated in positive
	End Repair-A Tailing Buffer	pressure mode. Fire-fighters should wear appropriate protective
		equipment and self-contained breathing apparatus
		(SCBA) with a full face-piece operated in positive pressure mode.
	T4 DNA Ligase	Fire-fighters should wear appropriate protective
	<u> </u>	equipment and self-contained breathing apparatus
		(SCBA) with a full face-piece operated in positive pressure mode.
	Ligation Buffer	Fire-fighters should wear appropriate protective
		equipment and self-contained breathing apparatus
		(SCBA) with a full face-piece operated in positive pressure mode.
	Adaptor Oligo Mix	Fire-fighters should wear appropriate protective
		equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
		pressure mode.
	Forward Primer	Fire-fighters should wear appropriate protective
		equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
		pressure mode.
	100 mM dNTP Mix (25 mM each	Fire-fighters should wear appropriate protective
	dNTP)	equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive

	pressure mode.
Herculase II Fusion DNA Polymerase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
5X Herculase II Reaction Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect Binding Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect Wash Buffer 1	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect Wash Buffer 2	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect XT HS and XT Low Input Blocker Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect Fast Hybridization Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect RNase Block	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect Post- Capture Primer Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect XT HS Index Primer A01-H02	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SSel XT HS Cancer All-In-One Lung, 16 Reactions	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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 spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
	End Repair-A Tailing Buffer	No action shall be taken involving any personal risk or without suitable training. Evacuate

T4 DNA Ligase	surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid
Ligation Buffer	breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate
Adaptor Oligo Mix	ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on
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 spilled material. Put on
100 mM dNTP Mix (25 mM each dNTP)	appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on
Herculase II Fusion DNA Polymerase	appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
5X Herculase II Reaction Buffer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on
SureSelect Binding Buffer	appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on

	SureSelect Wash Buffer 1	appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and
	SureSelect Wash Buffer 2	unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not
	SureSelect XT HS and XT Low Input Blocker Mix	touch or walk through spilled material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on
	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
	SureSelect RNase Block	touch or walk through spilled material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and
		unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
	SureSelect Post- Capture Primer Mix	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on
	SureSelect XT HS Index Primer A01-H02	appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on
	SSel XT HS Cancer All-In-One Lung, 16 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 spilled material. Put on appropriate personal protective equipment.
For emergency responders :	End Repair-A Tailing Enzyme Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	End Repair-A Tailing Buffer	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

T4 DNA Ligase	If specialized clothing is required to deal with the spillage, take note of any information in Section 8
Ligation Buffer	on suitable and unsuitable materials. See also the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also
Adaptor Oligo Mix	the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also
Forward Primer	the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also
100 mM dNTP Mix (25 mM each dNTP)	the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel"
Herculase II Fusion DNA Polymerase	the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
5X Herculase II Reaction Buffer	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Binding Buffer	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Wash Buffer 1	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also
SureSelect Wash Buffer 2	the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also
SureSelect XT HS and XT Low Input Blocker Mix	the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Fast Hybridization Buffer	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also
SureSelect RNase Block	the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also
SureSelect Post- Capture Primer Mix	the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect XT HS Index Primer A01-H02	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

	SSel XT HS Cancer All-In-One Lung, 16 Reactions	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	: End Repair-A Tailing Enzyme Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	End Repair-A Tailing Buffer	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	T4 DNA Ligase	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	Ligation Buffer	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	Adaptor Oligo Mix	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	Forward Primer	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	100 mM dNTP Mix (25 mM each dNTP)	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	Herculase II Fusion DNA Polymerase	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	5X Herculase II Reaction Buffer	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	SureSelect Binding Buffer	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	SureSelect Wash Buffer 1	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

	SureSelect Wash Buffer 2	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	SureSelect XT HS and XT Low Input Blocker Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	SureSelect Fast Hybridization Buffer	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	SureSelect RNase Block	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	SureSelect Post- Capture Primer Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	SureSelect XT HS Index Primer A01-H02	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
6.3 Methods and materials for	containment and cleaning up	
Methods for cleaning up	End Repair-A Tailing Enzyme Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	End Repair-A Tailing Buffer	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	T4 DNA Ligase	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste
	Ligation Buffer	disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste

Adaptor Oligo Mix	disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mon up if water acluble
	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.
Forward Primer	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
100 mM dNTP Mix (25 mM each dNTP)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste
Herculase II Fusion DNA Polymerase	disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste
5X Herculase II Reaction Buffer	disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste
SureSelect Binding Buffer	disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste
SureSelect Wash Buffer 1	disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste
SureSelect Wash Buffer 2	disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste
SureSelect XT HS and XT Low Input Blocker Mix	disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste
SureSelect Fast Hybridization Buffer	disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste

	disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect RNase Block	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect Post- Capture Primer Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect XT HS Index Primer A01-H02	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.
SSel XT HS Cancer All-In-One Lung, 16 Reactions	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.

# Section 7. Handling and storage

7.1 Precautions for safe ha	<u>ndling</u>	
Protective measures	: End Repair-A Tailing Enzyme Mix	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
	End Repair-A Tailing Buffer	Put on appropriate personal protective equipment (see Section 8).
	T4 DNA Ligase	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
	Ligation Buffer	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
	Adaptor Oligo Mix	Put on appropriate personal protective equipment (see Section 8).
	Forward Primer	Put on appropriate personal protective equipment (see Section 8).

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	100 mM dNTP Mix (25 mM each dNTP)	Put on appropriate personal protective equipment (see Section 8).
	Herculase II Fusion DNA Polymerase	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with
	1 olymorado	eyes, skin and clothing. Avoid breathing vapor or
		mist. Keep in the original container or an approved
		alternative made from a compatible material, kept tightly closed when not in use. Empty containers
		retain product residue and can be hazardous. Do
		not reuse container.
	5X Herculase II Reaction Buffer	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Binding Buffer	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Wash Buffer 1	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Wash Buffer 2	Put on appropriate personal protective equipment (see Section 8).
	SureSelect XT HS and XT Low Input Blocker Mix	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Fast Hybridization	Put on appropriate personal protective equipment
	Buffer	(see Section 8).
	SureSelect RNase Block	Put on appropriate personal protective equipment
		(see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or
		mist. Keep in the original container or an approved
		alternative made from a compatible material, kept
		tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do
		not reuse container.
	SureSelect Post- Capture Primer	Put on appropriate personal protective equipment
	Mix	(see Section 8).
	SureSelect XT HS Index Primer A01-H02	Put on appropriate personal protective equipment (see Section 8).
	SSel XT HS Cancer All-In-One	Put on appropriate personal protective equipment
	Lung, 16 Reactions	(see Section 8).
Advice on general occupational hygiene	: End Repair-A Tailing Enzyme 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.
	End Repair-A Tailing 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
	T4 DNA Ligase	for additional information on hygiene measures. Eating, drinking and smoking should be prohibited
	14 DNA LIgase	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.
	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

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	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
Adapter enge mix	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 mM each	Eating, drinking and smoking should be prohibited
dNTP)	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
Lieroviece II Evoler DNA	for additional information on hygiene measures.
Herculase II Fusion DNA	Eating, drinking and smoking should be prohibited
Polymerase	in areas where this material is handled, stored and processed. Workers should wash hands and face
	before eating, drinking and smoking. Remove
	contaminated clothing and protective equipment
	before entering eating areas. See also Section 8
	for additional information on hygiene measures.
5X Herculase II Reaction Buffer	Eating, drinking and smoking should be prohibited
	in areas where this material is handled, stored and
	processed. Workers should wash hands and face
	before eating, drinking and smoking. Remove
	contaminated clothing and protective equipment
	before entering eating areas. See also Section 8
	for additional information on hygiene measures.
SureSelect Binding Buffer	Eating, drinking and smoking should be prohibited
	in areas where this material is handled, stored and
	processed. Workers should wash hands and face
	before eating, drinking and smoking. Remove
	contaminated clothing and protective equipment
	before entering eating areas. See also Section 8
Sure Calact Week Duffer 1	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.

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	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.
	SureSelect XT HS Index Primer A01-H02	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 Cancer All-In-One Lung, 16 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	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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for
	End Repair-A Tailing Buffer	incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been

	opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled
	containers. Use appropriate containment to avoid
	environmental contamination. See Section 10 for
	incompatible materials before handling or use.
T4 DNA Ligase	Store in accordance with local regulations. Store in
	original container protected from direct sunlight in a
	dry, cool and well-ventilated area, away from
	incompatible materials (see Section 10) and food
	and drink. Keep container tightly closed and sealed
	until ready for use. Containers that have been opened must be carefully resealed and kept upright
	to prevent leakage. Do not store in unlabeled
	containers. Use appropriate containment to avoid
	environmental contamination. See Section 10 for
	incompatible materials before handling or use.
Ligation Buffer	Store in accordance with local regulations. Store in
C	original container protected from direct sunlight in a
	dry, cool and well-ventilated area, away from
	incompatible materials (see Section 10) and food
	and drink. Keep container tightly closed and sealed
	until ready for use. Containers that have been
	opened must be carefully resealed and kept upright
	to prevent leakage. Do not store in unlabeled
	containers. Use appropriate containment to avoid environmental contamination. See Section 10 for
	incompatible materials before handling or use.
Adaptor Oligo Mix	Store in accordance with local regulations. Store in
Adapter Orge Mix	original container protected from direct sunlight in a
	dry, cool and well-ventilated area, away from
	incompatible materials (see Section 10) and food
	and drink. Keep container tightly closed and sealed
	until ready for use. Containers that have been
	opened must be carefully resealed and kept upright
	to prevent leakage. Do not store in unlabeled
	containers. Use appropriate containment to avoid
	environmental contamination. See Section 10 for
Forward Drimor	incompatible materials before handling or use.
Forward Primer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a
	dry, cool and well-ventilated area, away from
	incompatible materials (see Section 10) and food
	and drink. Keep container tightly closed and sealed
	until ready for use. Containers that have been
	opened must be carefully resealed and kept upright
	to prevent leakage. Do not store in unlabeled
	containers. Use appropriate containment to avoid
	environmental contamination. See Section 10 for
	incompatible materials before handling or use.
100 mM dNTP Mix (25 mM each	Store in accordance with local regulations. Store in
dNTP)	original container protected from direct sunlight in a
	dry, cool and well-ventilated area, away from
	incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed
	until ready for use. Containers that have been
	opened must be carefully resealed and kept upright
	to prevent leakage. Do not store in unlabeled
	containers. Use appropriate containment to avoid
	environmental contamination. See Section 10 for
	incompatible materials before handling or use.

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

SureSelect Fast Hybridization Buffer	until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in ariginal containers protected from direct confight in a
Dullei	original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect 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 unlabeled 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect XT HS Index Primer A01-H02	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SSel XT HS Cancer All-In-One Lung, 16 Reactions	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for

SureSelect XT HS Reagent Kit, index 1-16 + SSel Cancer All-In-One Lung Panel, 16rxn, Part Number G9704R

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incompatible materials before handling or use.

7.3 Specific end use(s)		
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	Industrial applications, Professional applications.
	SureSelect Post- Capture Primer Mix	Industrial applications, Professional applications.
	SureSelect XT HS Index Primer A01-H02	Industrial applications, Professional applications.
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	Industrial applications, Professional applications.
Industrial sector specific	: End Repair-A Tailing Enzyme Mix	Not available.
solutions	End Repair-A Tailing Buffer	Not available.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	
		Not available.
	SureSelect Binding Buffer	Not available. Not available.
	SureSelect Binding Buffer SureSelect Wash Buffer 1	Not available. Not available.
	SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2	Not available. Not available. Not available.
	SureSelect Binding Buffer SureSelect Wash Buffer 1	Not available. Not available. Not available. Not available.
	SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low	Not available. Not available. Not available.
	SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block	Not available. Not available. Not available. Not available. Not available.
	SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix	Not available. Not available. Not available. Not available. Not available.
	SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer	Not available. Not available. Not available. Not available. Not available.
	SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer	Not available. Not available. Not available. Not available. Not available. Not available. Not available.

### Section 8. Exposure controls/personal protection

#### 8.1 Control parameters

#### **Occupational exposure limits**

Ingredient name	Exposure limits
End Repair-A Tailing Enzyme Mix Glycerol	OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Total dust OSHA PEL (United States, 5/2018). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust CAL OSHA PEL (United States, 5/2018). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: respirable fraction TWA: 10 mg/m <sup>3</sup> 8 hours. Form: total dust
End Repair-A Tailing Buffer Potassium chloride	None.
T4 DNA Ligase Glycerol	OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Total dust OSHA PEL (United States, 5/2018). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust CAL OSHA PEL (United States, 5/2018). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: respirable fraction TWA: 10 mg/m <sup>3</sup> 8 hours. Form: total dust
Ligation Buffer Glycerol	OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Total dust OSHA PEL (United States, 5/2018). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust CAL OSHA PEL (United States, 5/2018). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: respirable fraction TWA: 10 mg/m <sup>3</sup> 8 hours. Form: total dust
Herculase II Fusion DNA Polymerase Glycerol	OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Total dust OSHA PEL (United States, 5/2018). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust

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### Section 8. Exposure controls/personal protection

<b>5X Herculase II Reaction Buffer</b> Trometamol Hexadecan-1-ol, ethoxylated	CAL OSHA PEL (United States, 5/2018). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: respirable fraction TWA: 10 mg/m <sup>3</sup> 8 hours. Form: total dust None. None.
SureSelect Wash Buffer 1 Sodium dodecyl sulphate SureSelect Wash Buffer 2 Sodium dodecyl sulphate	None. None.
SureSelect RNase Block Glycerol	OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Total dust OSHA PEL (United States, 5/2018). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust CAL OSHA PEL (United States, 5/2018). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: respirable fraction TWA: 10 mg/m <sup>3</sup> 8 hours. Form: total dust
SSel XT HS Cancer All-In-One Lung, 16 Reactions Glycerol	OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Total dust OSHA PEL (United States, 5/2018). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust CAL OSHA PEL (United States, 5/2018). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: respirable fraction TWA: 10 mg/m <sup>3</sup> 8 hours. Form: total dust

#### **Biological exposure indices**

No exposure indices known.

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

**Individual protection measures** 

### Section 8. Exposure controls/personal protection

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

# Section 9. Physical and chemical properties and safety characteristics

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

#### **Appearance**

Physical state	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP)	Liquid. Liquid. Liquid. Liquid. Liquid. Liquid. Liquid. Liquid.
	Herculase II Fusion DNA Polymerase	Liquid.
	5X Herculase II Reaction Buffer	Liquid.
	SureSelect Binding Buffer	Liquid.
	SureSelect Wash Buffer 1	Liquid.
	SureSelect Wash Buffer 2	Liquid.
	SureSelect XT HS and XT Low Input Blocker Mix	Liquid.
	SureSelect Fast Hybridization Buffer	Liquid.
	SureSelect RNase Block	Liquid.
	SureSelect Post- Capture Primer Mix	Liquid.
	SureSelect XT HS Index Primer A01-H02	Liquid.
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	Liquid.

Section 5. Physical	and chemical propert	lies and sai
Color :	End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing Buffer	Not available.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT Low	Not available.
	Input Blocker Mix	
	SureSelect Fast Hybridization Buffer	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Post- Capture Primer Mix	Not available.
	SureSelect XT HS Index Primer A01-H02	Not available.
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	Not available.
Odor :	End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing Buffer	Not available.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT Low	Not available.
	Input Blocker Mix	
	SureSelect Fast Hybridization Buffer	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Post- Capture Primer Mix	Not available.
	SureSelect XT HS Index Primer A01-H02	Not available.
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	Not available.
Odor threshold :	End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing Buffer	Not available.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase II Fusion DNA	Not available.

occuon 5.1 hysical	and chemical propert	
	Polymerase	
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT Low	Not available.
	Input Blocker Mix	
	SureSelect Fast Hybridization	Not available.
	Buffer	
	SureSelect RNase Block	Not available.
	SureSelect Post- Capture Primer	Not available.
	Mix	
	SureSelect XT HS Index Primer	Not available.
	A01-H02	
	SSel XT HS Cancer All-In-One	Not available.
	Lung, 16 Reactions	NUL avaliable.
	-	
рН	End Repair-A Tailing Enzyme Mix	6.5
	End Repair-A Tailing Buffer	8
	T4 DNA Ligase	7.5
	Ligation Buffer	8
	Adaptor Oligo Mix	7.5
	Forward Primer	7.5
	100 mM dNTP Mix (25 mM each	7.5
	dNTP)	
	Herculase II Fusion DNA	8.2
	Polymerase	
	5X Herculase II Reaction Buffer	9.5 to 10.5
	SureSelect Binding Buffer	7.5
	SureSelect Wash Buffer 1	7
	SureSelect Wash Buffer 2	7
	SureSelect XT HS and XT Low	7.5
		1.5
	Input Blocker Mix	Not available.
	SureSelect Fast Hybridization Buffer	NUL avaliable.
	SureSelect RNase Block	7.6
		-
	SureSelect Post- Capture Primer	7.5
	Mix	7 5
	SureSelect XT HS Index Primer	7.5
	A01-H02	NI ( 11 II
	SSel XT HS Cancer All-In-One	Not available.
	Lung, 16 Reactions	
Melting point/freezing point	: End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing Buffer	0°C (32°F)
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	0°C (32°F)
	Forward Primer	0°C (32°F)
	100 mM dNTP Mix (25 mM each	Not available.
	dNTP)	
	Herculase II Fusion DNA	Not available.
	Polymerase	
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	0°C (32°F)
	SureSelect Wash Buffer 2	0°C (32°F)
	SureSelect XT HS and XT Low	0°C (32°F)
	Input Blocker Mix	0 0 (02 1 )
	SureSelect Fast Hybridization	Not available.
	Buffer	NUL AVAIIADIE.
	Duilei	

Oection 5.1 hysical		hich			CLY CI	laract	chistics	
	SureSelect RNase Ble SureSelect Post- Cap Mix			available. (32°F)				
	SureSelect XT HS Index Primer A01-H02			0°C (32°F)				
	SSel XT HS Cancer All-In-One Lung, 16 Reactions			; (32°F)				
Boiling point, initial boiling point, and boiling range	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer			100°C (212°F) Not available. 100°C (212°F) 100°C (212°F) Not available. Not available. Not available. 100°C (212°F) 100°C (212°F) 100°C (212°F) Not available. Not available.				
	A01-H02 SSel XT HS Cancer A Lung, 16 Reactions	All-In-One	100	)°C (212°F)				
Flash point :					1			
	Ingredient name	°C	Closed c	Method	°C	Open °F	Cup Method	
	End Repair-A Tailing Enzyme Mix							
	Glycerol	-	-	-	177	350.6	-	
	T4 DNA Ligase							
	Glycerol	-	-	-	177	350.6	-	
	Ligation Buffer							
	Glycerol	-	-	-	177	350.6	-	
	Herculase II Fusion DNA Polymerase							
	Glycerol	-	-	-	177	350.6	-	
	SureSelect RNase Block							

SureSelect XT HS Reagent Kit, index 1-16 + SSel Cancer All-In-One Lung Panel, 16rxn, Part Number G9704R

Section 9. Physical	and chemical	prope	erties	and sa	fety cl	naract	eristics
	Glycerol	-	-	-	177	350.6	-
	SSel XT HS						
	Cancer All-In-One						
	Lung, 16 Reactions						
	Glycerol	-	-	-	177	350.6	-
Evaporation rate :	End Repair-A Tailing	•		available.			
	End Repair-A Tailing	Buffer		available.			
	T4 DNA Ligase Ligation Buffer			available. available.			
	Adaptor Oligo Mix			available.			
	Forward Primer			available.			
	100 mM dNTP Mix (2	5 mM eac		available.			
	dNTP)						
	Herculase II Fusion D Polymerase			available.			
	5X Herculase II Reac			available.			
	SureSelect Binding B			available.			
	SureSelect Wash Buf			available.			
	SureSelect Wash Buf SureSelect XT HS an			available. available.			
	Input Blocker Mix		NOL	available.			
	SureSelect Fast Hybr Buffer	idization	Not	available.			
	SureSelect RNase Bl	ock	Not	available.			
	SureSelect Post- Cap Mix			available.			
	SureSelect XT HS Inc A01-H02			available.			
	SSel XT HS Cancer A Lung, 16 Reactions			available.			
Flammability :	End Repair-A Tailing			applicable.			
	End Repair-A Tailing T4 DNA Ligase	Duller		applicable. applicable.			
	Ligation Buffer			applicable.			
	Adaptor Oligo Mix			applicable.			
	Forward Primer			applicable.			
	100 mM dNTP Mix (2 dNTP)	5 mM eac		applicable.			
	Herculase II Fusion D Polymerase	NA	Not	applicable.			
	5X Herculase II Reac	tion Buffer	· Not	applicable.			
	SureSelect Binding B	uffer	Not	applicable.			
	SureSelect Wash Buf			applicable.			
	SureSelect Wash Buf			applicable.			
	SureSelect XT HS an		NOT	applicable.			
	Input Blocker Mix SureSelect Fast Hybr Buffer	idization	Not	applicable.			
	SureSelect RNase Bl	ock	Not	applicable.			
	SureSelect Post- Cap Mix			applicable.			
	SureSelect XT HS Inc A01-H02			applicable.			
	SSel XT HS Cancer A Lung, 16 Reactions	All-In-One	Not	applicable.			

Lower and upper explosion	1	End Repair-A Tailing Enzyme Mix	Not available.
limit/flammability limit		End Repair-A Tailing Buffer	Not available.
		T4 DNA Ligase	Not available.
		Ligation Buffer	Not available.
		Adaptor Oligo Mix	Not available.
		Forward Primer	Not available.
		100 mM dNTP Mix (25 mM each dNTP)	Not available.
		Herculase II Fusion DNA Polymerase	Not available.
		5X Herculase II Reaction Buffer	Not available.
		SureSelect Binding Buffer	Not available.
		SureSelect Wash Buffer 1	Not available.
		SureSelect Wash Buffer 2	Not available.
		SureSelect XT HS and XT Low Input Blocker Mix	Not available.
		SureSelect Fast Hybridization Buffer	Not available.
		SureSelect RNase Block	Not available.
		SureSelect Post- Capture Primer Mix	Not available.
		SureSelect XT HS Index Primer A01-H02	Not available.
		SSel XT HS Cancer All-In-One Lung, 16 Reactions	Not available.

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#### Vapor pressure

	Vapo	r Pressu	re at 20°C	Vap	or pressu	ire at 50°C
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
End Repair-A Tailing Enzyme Mix						
water	17.5	2.3	-	92.258	12.3	-
Glycerol	0.000075	0.00001	-	0.0025	0.00033	-
End Repair-A Tailing Buffer						
water	17.5	2.3	-	92.258	12.3	-
T4 DNA Ligase						
water	17.5	2.3	-	92.258	12.3	-
Glycerol	0.000075	0.00001	-	0.0025	0.00033	-
Ligation Buffer						
water	17.5	2.3	-	92.258	12.3	-
Glycerol	0.000075	0.00001	-	0.0025	0.00033	-
Adaptor Oligo Mix						
water	17.5	2.3	-	92.258	12.3	-

an	d chemical	prope	erties	anu saie	ety cha	aracte	nsucs
	orward Primer	17.5	2.3	-	92.258	12.3	-
	0 mM dNTP Mix 5 mM each dNTP)						
wa	ater	17.5	2.3	-	92.258	12.3	-
Fu	erculase II Ision DNA Ilymerase						
wa	ater	17.5	2.3	-	92.258	12.3	-
Gl	ycerol	0.000075	0.00001	-	0.0025	0.00033	-
	K Herculase II eaction Buffer						
wa	ater	17.5	2.3	-	92.258	12.3	-
Tre	ometamol	<0.00075006	<0.0001	-	-	-	-
	reSelect nding Buffer						
wa	ater	17.5	2.3	-	92.258	12.3	-
	ireSelect Wash iffer 1						
wa	ater	17.5	2.3	-	92.258	12.3	-
	ireSelect Wash iffer 2						
wa	ater	17.5	2.3	-	92.258	12.3	-
an	rreSelect XT HS d XT Low Input ocker Mix						
wa	ater	17.5	2.3	-	92.258	12.3	-
Ну	reSelect Fast /bridization uffer						
wa	ater	17.5	2.3	-	92.258	12.3	-
Su	ireSelect RNase						

Section 9. Physical a	and chemical	prope	erties	and sate	ety ch	aracte	ristics
	Block						
	water	17.5	2.3	-	92.258	12.3	-
	Glycerol	0.000075	0.00001	-	0.0025	0.00033	-
	SureSelect Post- Capture Primer Mix						
	water	17.5	2.3	-	92.258	12.3	-
	SureSelect XT HS Index Primer A01-H02						
	water	17.5	2.3	-	92.258	12.3	-
	SSel XT HS Cancer All-In-One Lung, 16 Reactions						
	water	17.5	2.3	-	92.258	12.3	-
	Glycerol End Repair-A Tailing	0.000075		- available.	0.0025	0.00033	-
Relative vapor density :	End Repair-A Tailing I T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (29 dNTP) Herculase II Fusion D Polymerase 5X Herculase II React SureSelect Binding Bu SureSelect Wash Buf SureSelect Wash Buf SureSelect Wash Buf SureSelect THS and Input Blocker Mix SureSelect Fast Hybri Buffer SureSelect RNase Blo SureSelect RNase Blo SureSelect XT HS Inc A01-H02 SSel XT HS Cancer A Lung, 16 Reactions	Buffer 5 mM eac NA tion Buffer offer 1 fer 2 d XT Low dization ock ture Prime lex Primer	Not a Not a	available. available. available. available. available. available. available. available. available. available. available. available. available. available. available. available.			
Relative density :	End Repair-A Tailing End Repair-A Tailing T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 dNTP)	Not a Not a Not a Not a Not a	available. available. available. available. available. available. available.				

Herculase II Fusion DNA Not available. Polymerise SX Herculase II Reaction Buffer Not available. SureSelect Binding Buffer 1 Not available. SureSelect Wash Buffer 2 Not available. SureSelect Wash Buffer 2 Not available. SureSelect Sait Hybridization Not available. Buffer SureSelect Fast Hybridization Not available. SureSelect Fast Hybridization Not available. Buffer SureSelect Fast Hybridization Not available. SureSelect TAI IS Index Primer Not available. Lung, 16 Reactions Not available. Lung, 16 Reactions SureSelect TAI IS Index Primer Soluble Mix SureSelect XT HS Cancer All-In-One Not available. Lung, 16 Reactions Soluble Kater Soluble Highting Soluble Lung, 16 Reactions Soluble Lung, 16 Reactions Soluble Lightion Buffer Soluble Lightion Buffer Soluble Lightion Buffer Soluble Lightion Buffer Soluble Soluble Lightion Buffer Soluble Solub				
SX Herculase II Reaction Buffer       Not available.         SureSelect Binding Buffer       Not available.         SureSelect Wash Buffer 1       Not available.         SureSelect Wash Buffer 2       Not available.         SureSelect River Mix       Not available.         SureSelect Rolase Block       Not available.         Water       Soluble         Find Repair-A Tailing Enzyme Mix       Soluble         Water       Soluble         Water       Soluble         Water       Soluble         Water       Soluble         Soluble       Sol			Not ava	ailable.
Solubility(les) SureSelect Wash Buffer 1 Not available. SureSelect Wash Buffer 2 Not available. SureSelect Xash Buffer 2 Not available. SureSelect XT HS and XT Low Not available. Buffer SureSelect Rast Hybridization Not available. SureSelect Rast Hybridization Not available. SureSelect XT HS Index Primer Not available. SureSelect XT HS Index Primer Not available. Lung, 16 Reactions SureSelect XT HS Index Primer Not available. Lung, 16 Reactions Soluble Kedfa Repair-A Tailing Enzyme Mix water Soluble Uigation Buffer Soluble Ligation Buffer Soluble Ligation Buffer Soluble Kedaptor Oligo Mix Water Soluble Soluble SureSelect Binding Buffer Soluble Soluble SureSelect Binding Buffer Soluble Soluble SureSelect Binding Buffer Soluble SureSelect THS and XT Low Input Biccker Mix water Soluble SureSelect Rives Block water Soluble SureSelect Rives Block water Soluble SureSelect Rives Block water Soluble SureSelect Rives Plock Water Soluble SureSelect Rives Ploce Soluble SureSelect Riv				ailabla
Solubility(ies) SureSelect Wash Euffer 1 Not available. SureSelect Wash Buffer 2 Not available. SureSelect RNase Block Not available. Buffer SureSelect RNase Block Not available. SureSelect RNase Block Not available. SureSelect RNase Block Not available. SureSelect RNase Block Not available. SureSelect TNS Index Primer Not available. SureSelect TNS Index Primer Not available. SureSelect RNase Block Not available. SureSelect RNase Block Not available. SureSelect RNase Block Not available. Solubility(ies) Media Result End Repair-A Tailing Enzyme Mix Vater Soluble End Repair-A Tailing Buffer Soluble T4 DNA Ligase Vater Soluble Vater Soluble Forward Primer Soluble Vater Soluble Herculase II Fusion DNA Polymerase Vater Soluble Soluble SureSelect Binding Buffer Soluble Soluble SureSelect Binding Buffer Soluble Soluble Soluble Soluble Soluble Soluble SureSelect Binding Buffer Soluble SureSelect XT HS and XT Low Input Biocker Mix Water Soluble SureSelect XT HS and XT Low Input Biocker Mix Water Soluble SureSelect XT HS and XT Low Input Biocker Mix Water Soluble SureSelect XT HS and XT Low Input Biocker Mix Water Soluble SureSelect XT HS and XT Low Input Biocker Mix Water Soluble SureSelect XT HS and XT Low Input Biocker Mix Water Soluble SureSelect XT HS Index Primer Mix Water Soluble SureSelect XT HS In				
Solubility(ies) SureSelect XT H San XT Low Not available. SureSelect XT H San XT Low Not available. SureSelect Post- Capture Primer Mix SureSelect XT H SI Index Primer Not available. SureSelect XT H SI Index Primer Not available. SureSelect XT H SI Index Primer Mix Water Soluble Soluble Media				
Solubility(ies)  Solubi				
Input Blocker Mix SureSelect Tast Hybridization Not available. Buffer SureSelect Rast Eglock Not available. SureSelect XT HS Index Primer Not available. A01-H02 SSel XT HS Cancer All-In-One Not available. Lung, 16 Reactions Solubility(ies)  Media  For Repair-A Tailing Enzyme Mix Water Soluble  For Repair-A Tailing Enzyme Mix Water Soluble  Ligation Buffer Water Soluble  Forward Primer Water Soluble  Forward Primer Water Soluble  SureSelect Binding Buffer Water Soluble  SureSelect Binding Buffer Water Soluble  Soluble  SureSelect Binding Buffer Water Soluble  Soluble  Soluble  SureSelect Binding Buffer Water Soluble  Soluble  SureSelect Binding Buffer Water Soluble  SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 Soluble  SureSelect Mase Buffer 2 Soluble  SureSelect Mase Buffer 2 Soluble  SureSelect TH S and XT Low Input Blocker Mix Water Soluble  SureSelect TH Sand XT Low Input Blocker Mix Water Soluble  SureSelect TH Sand XT Low Input Blocker Mix Water Soluble  SureSelect TH Sand XT Low Input Blocker Mix Water Soluble  SureSelect TH Sand XT Low Input Blocker Mix Water Soluble  SureSelect TH Sand XT Low Input Blocker Mix Water Soluble  SureSelect TH Sand XT Low Input Blocker Mix Water Soluble  SureSelect TH Sand XT Low Input Blocker Mix Water Soluble  SureSelect TH Sand XT Low Input Blocker Mix Water Soluble  SureSelect TH Sand XT Low Input Blocker Mix Water Soluble  SureSelect TH Sand XT Low Input Blocker Mix Water Soluble  SureSelect TH Sand XT Low Input Blocker Mix Water Soluble  SureSelect TH Sand XT Low Input Blocker Mix Water Soluble  SureSelect TH Sand XT Low Input Blocker Mix Water Soluble  SureSelect TH Sand XT Low Input Blocker Mix Water Soluble  SureSelect TH Sand XT Low Input Blocker Mix Water Soluble  SureSelect TH Sand XT Low Input Blocker Mix Water Soluble  SureSelect TH Sand XT Low Input Blocker Mix Water Soluble SureSelect TH Sand XT Low Input Blocker Mix Water Soluble Su				
Solubility(les)  Solubi			Not ava	ailable.
Buffer       SureSelect RNase Block       Not available.         SureSelect Post- Capture Primer       Not available.         Mix       SureSelect XT HS Index Primer       Not available.         A01-H02       SSI XT HS Cancer All-In-One       Not available.         SSI XT HS Cancer All-In-One       Not available.       Lung. 16 Reactions         Find Repair-A Tailing Enzyme Mix       Soluble       End Repair-A Tailing Buffer         Water       Soluble       Soluble         T4 DNA Ligase       Soluble       Ligation Buffer         Water       Soluble       Soluble         Ligation Buffer       Soluble       Soluble         Water       Soluble       Soluble         Herculase II Fusion DNA Polymerase       Soluble         Water       Soluble       Soluble         SureSelect Wash Buffer 1       Soluble       Soluble         SureSelect Wash Buffer 2       Soluble       Soluble         SureSelect TH S and XT Low Input       Soluble       Soluble         Blocker Mix       Soluble       Soluble         Water       Soluble       Soluble         SureSelect TH S and XT Low Input       Blocker Mix       Soluble         SureSelect Tast Hybridization Buffer       Soluble		Input Blocker Mix		
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SureSelect Post- Capture Primer Not available. Mix SureSelect XT HS Index Primer Not available. A01-H02 SSEI XT HS Cancer All-In-One Not available. Lung, 16 Reactions Solubility(ies) Media Repair-A Tailing Enzyme Mix water End Repair-A Tailing Buffer water T4 DNA Ligase water T4 DNA Ligase water Soluble Ligation Buffer water Soluble Forward Primer water Soluble Forward Primer water Soluble Soluble Soluble Herculase II Fusion DNA Polymerase water Soluble SureSelect Wash Buffer 1 water Soluble SureSelect Wash Buffer 2 water Soluble SureSelect XT HS and XT Low Input Blocker Mix water SureSelect XT HS and XT Low Input Blocker Mix water SureSelect Rase Block water Soluble SureSelect Rnase Block water Soluble SureSelect XT HS Index Primer A01.402 Soluble SureSelect XT HS Index Primer A01.402 Water Soluble SureSelect XT HS Index Primer A01.402 Soluble SureSelect XT HS Index Primer A01.402 Water Soluble SureSelect XT HS Index Primer A01.402 Water Soluble SureSelect XT HS Index Primer A01.402 Water Soluble SureSelect XT HS Index Primer A01.402 Soluble SureSelect XT HS Index Primer A01.402 Soluble Soluble SureSelect XT HS Index Primer A01.402 Soluble Soluble SureSelect XT HS Index Primer A01.402 Soluble Soluble SureSelect XT HS Index Primer A01.402 Soluble Soluble Soluble Soluble Soluble Soluble Soluble Soluble Soluble Soluble Soluble Soluble Soluble Soluble Soluble		Buffer		
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Mix SureSelect XT HS Index Primer Not available. A01-H02 SSel XT HS Cancer All-In-One Not available. Lung, 16 Reactions Find Repair-A Tailing Enzyme Mix water T 4 DNA Ligase Water T 4 DNA Ligase Water Vater Vater Vater Soluble Soluble Soluble Soluble Soluble Forward Primer Water Herculase II Fusion DNA Polymerase Water Soluble SureSelect Binding Buffer Water Soluble SureSelect XT HS and XT Low Input Biocker Mix Water Soluble SureSelect XT HS and XT Low Input Biocker Mix Water Soluble SureSelect RNase Biock Water SureSelect XT HS and XT Low Input Biocker Mix Water Soluble SureSelect XT HS Index Primer A01-H02 Water Soluble SureSelect XT HS Index Primer A01-H02 Water Soluble				
Solubility(ies)  Solubi				
A01-H02 SSel XT HS Cancer All-In-One Not available. Lung: 16 Reactions Solubile Find Repair-A Tailing Enzyme Mix water Solubile End Repair-A Tailing Buffer Water Solubile Ligation Buffer Water Solubile Adaptor Oligo Mix Water Solubile Forward Primer Water Solubile Forward Primer Water Solubile Forward Primer Water Solubile SureSelect Binding Buffer Water Solubile SureSelect Wash Buffer 1 Water Solubile SureSelect XT HS and XT Low Input Blocker Mix Water Solubile SureSelect Rnase Block Water Solubile SureSelect XT HS Index Primer A01-H02 Water Solubile SureSelect XT HS Index Primer A01-H02			Not ave	ailahle
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Solubility(ies)       Image: Media       Result         End Repair-A Tailing Enzyme Mix water       Soluble         End Repair-A Tailing Buffer water       Soluble         T4 DNA Ligase water       Soluble         Ligation Buffer water       Soluble         Ligation Buffer water       Soluble         Ligation Buffer water       Soluble         Ligation Buffer water       Soluble         Logation Buffer water       Soluble         Media       Soluble         Madaptor Oligo Mix water       Soluble         Year       Soluble         100 mM ONTP Mix (25 mM each dNTP) water       Soluble         Soluble       Soluble         SureSelect Binding Buffer water       Soluble         Soluble       Soluble         SureSelect Wash Buffer 1 water       Soluble         SureSelect XT HS and XT Low Input Blocker Mix water       Soluble         Soluble       Soluble         SureSelect RNase Block <th></th> <th></th> <th>NOL ava</th> <th></th>			NOL ava	
Find Repair-A Tailing Enzyme Mix     Soluble       water     Soluble       End Repair-A Tailing Buffer     Soluble       water     Soluble       T4 DNA Ligase     Soluble       water     Soluble       Ligation Buffer     Soluble       water     Soluble       Adaptor Oligo Mix     Soluble       water     Soluble       Adaptor Oligo Mix     Soluble       water     Soluble       Forward Primer     Soluble       water     Soluble       Herculase II Fusion DNA Polymerase     Soluble       water     Soluble       StreSelect Binding Buffer     Soluble       water     Soluble       SureSelect Wash Buffer 1     Soluble       water     Soluble       SureSelect Wash Buffer 2     Soluble       water     Soluble       SureSelect TAT HS and XT Low Input     Blocker Mix       water     Soluble       SureSelect Rase Block     Soluble       water     Soluble       SureSelect TAT HS Index Primer A01-H02       water     Soluble				T
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		SureSelect XT HS Index Primer A0	1-H02	
		water		Soluble
SSel XT HS Cancer All-In-One Lung, 16			a, 16	
Reactions			J,	
water Soluble				Soluble

Partition coefficient: n-	1	End Repair-A Tailing Enzyme Mix	Not applic	able.
octanol/water		End Repair-A Tailing Buffer	Not applica	
		T4 DNA Ligase	Not applica	able.
		Ligation Buffer	Not applica	able.
		Adaptor Oligo Mix	Not applica	able.
		Forward Primer	Not applica	able.
		100 mM dNTP Mix (25 mM each dNTP)	Not application	able.
		Herculase II Fusion DNA Polymerase	Not applica	able.
		5X Herculase II Reaction Buffer	Not applica	able.
		SureSelect Binding Buffer	Not applica	
		SureSelect Wash Buffer 1	Not applica	able.
		SureSelect Wash Buffer 2	Not applica	able.
		SureSelect XT HS and XT Low Input Blocker Mix	Not applica	able.
		SureSelect Fast Hybridization Buffer	Not applica	able.
		SureSelect RNase Block	Not applica	able.
		SureSelect Post- Capture Primer Mix	Not applica	
		SureSelect XT HS Index Primer A01-H02	Not applica	able.
		SSel XT HS Cancer All-In-One Lung, 16 Reactions	Not applic	able.
Auto-ignition temperature	1	Ingredient name	°C	°F

Ingredient name	°C	۴	Method
End Repair-A Tailing Enzyme Mix			
Glycerol	370	698	-
T4 DNA Ligase			
Glycerol	370	698	-
Ligation Buffer			
Glycerol	370	698	-
Herculase II Fusion DNA Polymerase			
Glycerol	370	698	-
SureSelect RNase Block			
Glycerol	370	698	-
SSel XT HS Cancer All-In- One Lung, 16 Reactions			
Glycerol	370	698	-
	Mix Glycerol T4 DNA Ligase Glycerol Ligation Buffer Glycerol Herculase II Fusion DNA Polymerase Glycerol SureSelect RNase Block Glycerol SSel XT HS Cancer All-In- One Lung, 16 Reactions	End Repair-A Tailing Enzyme Mix370Glycerol370T4 DNA Ligase Glycerol370Ligation Buffer Glycerol370Glycerol370Ligation Buffer Glycerol370SureSelect RNase Block Glycerol370Ssel XT HS Cancer All-In- One Lung, 16 Reactions370	Find Repair-A Tailing Enzyme Mix370698Glycerol370698T4 DNA Ligase Glycerol370698Ligation Buffer Glycerol370698Herculase II Fusion DNA Polymerase370698SureSelect RNase Block Glycerol370698SSel XT HS Cancer All-In- One Lung, 16 Reactions370698

Section 5. Filysica	i and chemical propert	les and sa
Decomposition temperature	: End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing Buffer	Not available.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT Low	Not available.
	Input Blocker Mix SureSelect Fast Hybridization Buffer	Not available.
		Not ovoilable
	SureSelect RNase Block	Not available.
	SureSelect Post- Capture Primer Mix	Not available.
	SureSelect XT HS Index Primer A01-H02	Not available.
	SSel XT HS Cancer All-In-One Lung, 16 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 mM each dNTP)	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT Low Input Blocker Mix	Not available.
	SureSelect Fast Hybridization	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Post- Capture Primer	Not available.
	SureSelect XT HS Index Primer A01-H02	Not available.
	SSel XT HS Cancer All-In-One Lung, 16 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 mM each	Not applicable.
	dNTP)	

Herculase II Fusion DNA	Not applicable.
Polymerase	
5X Herculase II Reaction Buffer	Not applicable.
SureSelect Binding Buffer	Not applicable.
SureSelect Wash Buffer 1	Not applicable.
SureSelect Wash Buffer 2	Not applicable.
SureSelect XT HS and XT Low	Not applicable.
Input Blocker Mix	
SureSelect Fast Hybridization	Not applicable.
Buffer	
SureSelect RNase Block	Not applicable.
SureSelect Post- Capture Primer	Not applicable.
Mix	
SureSelect XT HS Index Primer	Not applicable.
A01-H02	
SSel XT HS Cancer All-In-One	Not applicable.
Lung, 16 Reactions	
<b>U</b>	

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
	0	for this product or its ingredients.
	Ligation Buffer	No specific test data related to reactivity available
		for this product or its ingredients.
	Adaptor Oligo Mix	No specific test data related to reactivity available
		for this product or its ingredients.
	Forward Primer	No specific test data related to reactivity available
		for this product or its ingredients.
	100 mM dNTP Mix (25 mM each	No specific test data related to reactivity available
	dNTP)	for this product or its ingredients.
	Herculase II Fusion DNA	No specific test data related to reactivity available
	Polymerase	for this product or its ingredients.
	5X Herculase II Reaction Buffer	No specific test data related to reactivity available
		for this product or its ingredients.
	SureSelect Binding Buffer	No specific test data related to reactivity available
		for this product or its ingredients.
	SureSelect Wash Buffer 1	No specific test data related to reactivity available
		for this product or its ingredients.
	SureSelect Wash Buffer 2	No specific test data related to reactivity available
		for this product or its ingredients.
	SureSelect XT HS and XT Low	No specific test data related to reactivity available
	Input Blocker Mix	for this product or its ingredients.
	SureSelect Fast Hybridization	No specific test data related to reactivity available
	Buffer	for this product or its ingredients.
	SureSelect RNase Block	No specific test data related to reactivity available
		for this product or its ingredients.
	SureSelect Post- Capture Primer	No specific test data related to reactivity available
	Mix	for this product or its ingredients.
	SureSelect XT HS Index Primer	No specific test data related to reactivity available
	A01-H02	for this product or its ingredients.
	SSel XT HS Cancer All-In-One	No specific test data related to reactivity available
	Lung, 16 Reactions	for this product or its ingredients.

10.2 Chemical stability	: End Repair-A Tailing Enzyme Mix	The product is stable.
	End Repair-A Tailing Buffer	The product is stable.
	T4 DNA Ligase Ligation Buffer	The product is stable. The product is stable.
	Adaptor Oligo Mix	The product is stable.
	Forward Primer	The product is stable.
	100 mM dNTP Mix (25 mM each	The product is stable.
	dNTP)	
	Herculase II Fusion DNA	The product is stable.
	Polymerase	
	5X Herculase II Reaction Buffer	The product is stable.
	SureSelect Binding Buffer	The product is stable.
	SureSelect Wash Buffer 1	The product is stable.
	SureSelect Wash Buffer 2	The product is stable.
	SureSelect XT HS and XT Low	The product is stable.
	Input Blocker Mix	The product is stable.
	SureSelect Fast Hybridization Buffer	The product is stable.
	SureSelect RNase Block	The product is stable.
	SureSelect Post- Capture Primer	The product is stable.
	Mix	•
	SureSelect XT HS Index Primer	The product is stable.
	A01-H02	
	SSel XT HS Cancer All-In-One	The product is stable.
	Lung, 16 Reactions	
40.2 Describility of	- End Donois A Tailing England Mix	Under normal conditions of storage and use
10.3 Possibility of hazardous reactions	: End Repair-A Tailing Enzyme Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
nazardous reactions	End Repair-A Tailing Buffer	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	T4 DNA Ligase	Under normal conditions of storage and use,
	C C	hazardous 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 reactions will not occur.
	Forward Primer	Under normal conditions of storage and use,
	100 mM dNTP Mix (25 mM each	hazardous reactions will not occur. Under normal conditions of storage and use,
	dNTP)	hazardous reactions will not occur.
	Herculase II Fusion DNA	Under normal conditions of storage and use,
	Polymerase	hazardous reactions will not occur.
	5X Herculase II Reaction Buffer	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect Binding Buffer	Under normal conditions of storage and use,
	• • • • • • • • • •	hazardous reactions will not occur.
	SureSelect Wash Buffer 1	Under normal conditions of storage and use,
	Sura Calact Weak Duffer 0	hazardous reactions will not occur.
	SureSelect Wash Buffer 2	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect XT HS and XT Low	Under normal conditions of storage and use,
	Input Blocker Mix	hazardous reactions will not occur.
	SureSelect Fast Hybridization	Under normal conditions of storage and use,
		<b>.</b>
	Buffer	hazardous reactions will not occur.
	Buffer SureSelect RNase Block	hazardous reactions will not occur. Under normal conditions of storage and use,
	SureSelect RNase Block SureSelect Post- Capture Primer	Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use,
	SureSelect RNase Block SureSelect Post- Capture Primer Mix	Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect RNase Block SureSelect Post- Capture Primer	Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use,

	y and reactivity	
	SSel XT HS Cancer All-In-One	Under normal conditions of storage and use,
	Lung, 16 Reactions	hazardous reactions will not occur.
	Lang, to Readions	
10.4 Conditions to avoid	: End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Herculase II Fusion DNA Polymerase	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low Input Blocker Mix	No specific data.
	SureSelect Fast Hybridization Buffer	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Post- Capture Primer Mix	No specific data.
	SureSelect XT HS Index Primer A01-H02	No specific data.
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	No specific data.
0.5 Incompatible materials	: End Repair-A Tailing Enzyme Mix	May react or be incompatible with oxidizing
	End Repair-A Tailing Buffer	materials. May react or be incompatible with oxidizing
	T4 DNA Ligase	materials. May react or be incompatible with oxidizing
	-	materials.
	Ligation Buffer	May react or be incompatible with oxidizing materials.
	Adaptor Oligo Mix	May react or be incompatible with oxidizing materials.
	Forward Primer	May react or be incompatible with oxidizing materials.
	100 mM dNTD Mix (25 mM agab	
	100 mM dNTP Mix (25 mM each dNTP)	May react or be incompatible with oxidizing materials.
	Herculase II Fusion DNA Polymerase	May react or be incompatible with oxidizing materials.
	5X Herculase II Reaction Buffer	May react or be incompatible with oxidizing materials.
	SureSelect Binding Buffer	May react or be incompatible with oxidizing materials.
	SureSelect Wash Buffer 1	May react or be incompatible with oxidizing materials.
	SureSelect Wash Buffer 2	May react or be incompatible with oxidizing materials.
	SureSelect XT HS and XT Low Input Blocker Mix	May react or be incompatible with oxidizing materials.
	SureSelect Fast Hybridization Buffer	May react or be incompatible with oxidizing materials.
	SureSelect RNase Block	Materials. May react or be incompatible with oxidizing materials.
		maienais

x IreSelect XT HS Index Primer I1-H02 Sel XT HS Cancer All-In-One ng, 16 Reactions Id Repair-A Tailing Enzyme Mix	materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. Under normal conditions of storage and use,
ng, 16 Reactions	materials.
d Repair-A Tailing Enzyme Mix	Inder normal conditions of storage and use
	hazardous decomposition products should not be produced.
ld Repair-A Tailing Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
DNA Ligase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
gation Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
laptor Oligo Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
rward Primer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
0 mM dNTP Mix (25 mM each ITP)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
erculase II Fusion DNA lymerase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
(Herculase II Reaction Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
reSelect Binding Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
reSelect Wash Buffer 1	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
reSelect Wash Buffer 2	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
reSelect XT HS and XT Low out Blocker Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
reSelect Fast Hybridization	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
reSelect RNase Block	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
ireSelect Post- Capture Primer x	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
rreSelect XT HS Index Primer 11-H02	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Sel XT HS Cancer All-In-One ng, 16 Reactions	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	ation Buffer aptor Oligo Mix rward Primer O mM dNTP Mix (25 mM each TP) rculase II Fusion DNA lymerase Herculase II Reaction Buffer reSelect Binding Buffer reSelect Wash Buffer 1 reSelect Wash Buffer 2 reSelect Wash Buffer 2 reSelect XT HS and XT Low out Blocker Mix reSelect Fast Hybridization ffer reSelect RNase Block reSelect Post- Capture Primer ( reSelect XT HS Index Primer 1-H02 el XT HS Cancer All-In-One

### 11.1 Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
End Repair-A Tailing Enzyme Mix Glycerol	LD50 Oral	Rat	12600 mg/kg	-
End Repair-A Tailing Buffer Potassium chloride	LD50 Oral	Rat	2600 mg/kg	-
<b>T4 DNA Ligase</b> Glycerol	LD50 Oral	Rat	12600 mg/kg	-
Ligation Buffer Glycerol	LD50 Oral	Rat	12600 mg/kg	-
Herculase II Fusion DNA Polymerase Glycerol	LD50 Oral	Rat	12600 mg/kg	-
<b>5X Herculase II Reaction</b> <b>Buffer</b> Trometamol Hexadecan-1-ol, ethoxylated	LD50 Dermal LD50 Oral	Rat Rat	>5000 mg/kg 2500 mg/kg	-
SureSelect Wash Buffer 1 Sodium dodecyl sulphate	LD50 Oral	Rat	1288 mg/kg	-
SureSelect Wash Buffer 2 Sodium dodecyl sulphate	LD50 Oral	Rat	1288 mg/kg	-
SureSelect RNase Block Glycerol	LD50 Oral	Rat	12600 mg/kg	-
SSel XT HS Cancer All-In- One Lung, 16 Reactions Glycerol	LD50 Oral	Rat	12600 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
End Repair-A Tailing Enzyme Mix					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
End Repair-A Tailing Buffer Potassium chloride	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
<b>T4 DNA Ligase</b> Glycerol	Eyes - Mild irritant	Rabbit	_	24 hours 500	_
Giycerol		Rabbit	-	mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-

Section 11. Toxico	iogical informati	on			
Ligation Buffer					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
	Skin - Mild irritant	Rabbit	-	mg 24 hours 500	-
				mg	
Herculase II Fusion DNA Polymerase					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
5X Herculase II Reaction Buffer					
Trometamol	Skin - Moderate irritant	Rabbit	-	25 %	-
	Skin - Severe irritant	Rabbit	-	500 mg	-
SureSelect Wash Buffer 1 Sodium dodecyl sulphate	Eyes - Mild irritant	Rabbit	_	250 ug	-
	Eyes - Moderate irritant	Rabbit	-	10 mg	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 100	-
		T COD DI		mg	
	Skin - Mild irritant	Guinea pig	-	24 hours 25 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 50 mg	-
	Skin - Moderate irritant	Mouse	-	24 hours 25	-
	Skin - Moderate irritant	Rabbit	-	24 hours 25 mg	-
SureSelect Wash Buffer 2					
Sodium dodecyl sulphate	Eyes - Mild irritant	Rabbit	-	250 ug	-
	Eyes - Moderate irritant	Rabbit	-	10 mg	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 100 mg	-
	Skin - Mild irritant	Guinea pig	-	24 hours 25 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 50 mg	-
	Skin - Moderate irritant	Mouse	-	24 hours 25 mg	-
	Skin - Moderate irritant	Rabbit	-	24 hours 25 mg	-
SureSelect RNase Block					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
SSel XT HS Cancer All-In- One Lung, 16 Reactions				1119	
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-

**Sensitization** 

Not available.

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

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

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

Not available.

#### **Aspiration hazard**

Not available.

Information on the likely routes of exposure	: End Repair-A Tailing Enzyme Mix	Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.
	End Repair-A Tailing Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.
	T4 DNA Ligase	Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.
	Ligation Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase II Fusion DNA Polymerase	Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.
	5X Herculase II Reaction Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.
	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, Eyes.
	SureSelect RNase Block	Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.

	SureSelect Post- Capture Primer Mix	Not available.
	SureSelect XT HS Index Primer A01-H02	Not available.
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	Not available.
Potential acute health effect	t <u>s</u>	
Eye contact	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase	Causes eye irritation. No known significant effects or critical hazards. Causes eye irritation.
	Ligation Buffer Adaptor Oligo Mix Forward Primer	Causes eye irritation. No known significant effects or critical hazards. 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	Causes eye irritation.
	5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
	SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards. No known significant effects or critical hazards.
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block SureSelect Post- Capture Primer Mix	Causes eye irritation. No known significant effects or critical hazards.
	SureSelect XT HS Index Primer A01-H02	No known significant effects or critical hazards.
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	No known significant effects or critical hazards.
Inhalation	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer	No known significant effects or critical hazards. 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 SureSelect XT HS and XT Low	No known significant effects or critical hazards. No known significant effects or critical hazards.
	Input Blocker Mix	No known significant chools of ontiour huzards.
	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.
	SureSelect XT HS Index Primer A01-H02	No known significant effects or critical hazards.
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	No known significant effects or critical hazards.

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 mM each	No known significant effects or critical hazards.
	dNTP)	No known significant chects of childa hazards.
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	No known significant enects of childa hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low	No known significant effects or critical hazards.
	Input Blocker Mix	No known significant enects of childa hazards.
	SureSelect Fast Hybridization	No known significant effects or critical hazards.
	Buffer	No known significant enects of childa hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post- Capture Primer	No known significant effects or critical hazards.
	Mix	No known significant effects of childar hazards.
	SureSelect XT HS Index Primer	No known significant effects or critical hazards.
	A01-H02	No known significant effects of childa hazards.
	SSel XT HS Cancer All-In-One	No known significant effects or critical hazards.
		No known significant effects of childar hazards.
In model on	Lung, 16 Reactions	
Ingestion :	End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each	No known significant effects or critical hazards.
	dNTP)	
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low	No known significant effects or critical hazards.
	Input Blocker Mix	
	SureSelect Fast Hybridization	No known significant effects or critical hazards.
	Buffer	
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post- Capture Primer	No known significant effects or critical hazards.
	Mix	No longer significant offerstering without be made
	SureSelect XT HS Index Primer	No known significant effects or critical hazards.
	A01-H02	No known cignificant offects or evitical becaude
	SSel XT HS Cancer All-In-One	No known significant effects or critical hazards.
	Lung, 16 Reactions	
	cal, chemical and toxicological ch	
Eye contact :	End Repair-A Tailing Enzyme Mix	Adverse symptoms may include the following:
		irritation
		watering
		redness
	End Repair-A Tailing Buffer	No specific data.

T4 DNA Ligase

Adverse symptoms may include the following:

irritation

	-	
		watering
		redness
	Ligation Buffer	Adverse symptoms may include the following:
	g	irritation
		watering
		redness
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each	No specific data.
	dNTP)	
	Herculase II Fusion DNA	Adverse symptoms may include the following:
	Polymerase	······································
	1 olymoradd	irritation
		watering
		-
		redness
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low	No specific data.
	Input Blocker Mix	
	SureSelect Fast Hybridization	No specific data.
	Buffer	
		Advance eventence may include the following:
	SureSelect RNase Block	Adverse symptoms may include the following:
		irritation
		watering
		redness
	SureSelect Post- Capture Primer	No specific data.
	Mix	
	SureSelect XT HS Index Primer	No specific data.
	A01-H02	
	SSel XT HS Cancer All-In-One	No specific data.
	Lung, 16 Reactions	
Inhalation :	End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
		•
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each	No specific data.
	dNTP)	
	Herculase II Fusion DNA	No specific data.
	Polymerase	
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low	No specific data.
	Input Blocker Mix	
	•	No specific data.
	SureSelect Fast Hybridization	No specific data.
	Buffer	Ne enecifie dete
	SureSelect RNase Block	No specific data.
	SureSelect Post- Capture Primer	No specific data.
	Mix	
	SureSelect XT HS Index Primer	No specific data.
	A01-H02	
	SSel XT HS Cancer All-In-One	No specific data.
	Lung, 16 Reactions	
	-	

	<u> </u>	
Skin contact	: End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Herculase II Fusion DNA Polymerase	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low	No specific data.
	Input Blocker Mix	
	SureSelect Fast Hybridization Buffer	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Post- Capture Primer Mix	No specific data.
	SureSelect XT HS Index Primer A01-H02	No specific data.
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	No specific data.
Ingestion	: End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each	No specific data.
	dNTP)	
	Herculase II Fusion DNA	No specific data.
	Polymerase	
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low Input Blocker Mix	No specific data.
	•	No specific data
	SureSelect Fast Hybridization Buffer	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Post- Capture Primer Mix	No specific data.
	SureSelect XT HS Index Primer A01-H02	No specific data.
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	No specific data.

Delayed and immediate effect	ts and also chronic effects from short and long term exposure
Short term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	

	•	
Potential immediate effects	: Not available.	
Potential delayed effects	: Not available.	
Potential chronic health effect	<u>ets</u>	
General	: 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	No known significant effects or critical hazards. No known significant effects or critical hazards.
	dNTP) Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low	No known significant effects or critical hazards. No known significant effects or critical hazards.
	Input Blocker Mix SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post- Capture Primer Mix	No known significant effects or critical hazards.
	SureSelect XT HS Index Primer A01-H02	No known significant effects or critical hazards.
	SSel XT HS Cancer All-In-One Lung, 16 Reactions	No known significant effects or critical hazards.
Carcinogenicity	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer A01-H02 SSel XT HS Cancer All-In-One	No known significant effects or critical hazards. No known significant effects or critical hazards.
	Lung, 16 Reactions	-

	- <b>J</b>	
Mutagenicity	: End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each	No known significant effects or critical hazards.
	dNTP)	
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low	No known significant effects or critical hazards.
	Input Blocker Mix	
	SureSelect Fast Hybridization	No known significant effects or critical hazards.
	Buffer	
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post- Capture Primer	No known significant effects or critical hazards.
	Mix	
	SureSelect XT HS Index Primer	No known significant effects or critical hazards.
	A01-H02	
	SSel XT HS Cancer All-In-One	No known significant effects or critical hazards.
	Lung, 16 Reactions	
Reproductive toxicity	: End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each	No known significant effects or critical hazards.
	dNTP)	
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low	No known significant effects or critical hazards.
	Input Blocker Mix	
	SureSelect Fast Hybridization	No known significant effects or critical hazards.
	Buffer	
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post- Capture Primer	No known significant effects or critical hazards.
	Mix	
	SureSelect XT HS Index Primer	No known significant effects or critical hazards.
	A01-H02	
	SSel XT HS Cancer All-In-One	No known significant effects or critical hazards.
	Lung, 16 Reactions	

Numerical measures of toxicity Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/ I)
End Repair-A Tailing Enzyme Mix Glycerol	12600	N/A	N/A	N/A	N/A
<b>End Repair-A Tailing Buffer</b> End Repair-A Tailing Buffer Potassium chloride	159509.2 2600	N/A N/A	N/A N/A	N/A N/A	N/A N/A
<b>T4 DNA Ligase</b> Glycerol	12600	N/A	N/A	N/A	N/A
Ligation Buffer Glycerol	12600	N/A	N/A	N/A	N/A
Herculase II Fusion DNA Polymerase Glycerol	12600	N/A	N/A	N/A	N/A
<b>5X Herculase II Reaction Buffer</b> 5X Herculase II Reaction Buffer Hexadecan-1-ol, ethoxylated	107739.0 2500	N/A N/A	N/A N/A	N/A N/A	N/A N/A
SureSelect Binding Buffer SureSelect Binding Buffer	51369.9	N/A	N/A	N/A	N/A
SureSelect Wash Buffer 1 Sodium dodecyl sulphate	1288	N/A	N/A	N/A	1.5
SureSelect Wash Buffer 2 Sodium dodecyl sulphate	1288	N/A	N/A	N/A	1.5
SureSelect RNase Block Glycerol	12600	N/A	N/A	N/A	N/A
SSel XT HS Cancer All-In-One Lung, 16 Reactions Glycerol	12600	N/A	N/A	N/A	N/A

#### **Other information**

: End Repair-A Tailing Buffer

SureSelect RNase Block

Adverse symptoms may include the following: May cause skin sensitization. Adverse symptoms may include the following: May cause skin sensitization.

# Section 12. Ecological information

#### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
End Repair-A Tailing			
Enzyme Mix			
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
End Repair-A Tailing Buffer			
Potassium chloride	Acute EC50 9.24 g/L Fresh water	Algae - Desmodesmus subspicatus	72 hours
	Acute EC50 1337000 μg/l Fresh water	Algae - Navicula seminulum	96 hours
Date of issue : 04/30/2	024		68/7

Section 12. Ecolog	gical information		
	Acute LC50 9.68 mg/l Fresh water	Crustaceans - <i>Pseudosida</i> <i>ramosa</i> - Neonate	48 hours
	Acute LC50 93000 µg/l Fresh water Acute LC50 509.65 mg/l Fresh water	Daphnia - <i>Daphnia magna</i> Fish - <i>Danio rerio</i>	48 hours 96 hours
<b>T4 DNA Ligase</b> Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
Ligation Buffer			
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
Herculase II Fusion DNA Polymerase Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
5X Herculase II Reaction Buffer			
Trometamol	Acute EC50 >980 mg/l Fresh water Acute NOEC 520 mg/l Fresh water	Daphnia Daphnia	48 hours 48 hours
Hexadecan-1-ol, ethoxylated	Acute LC50 330000 to 1000000 µg/l Marine water	Crustaceans - <i>Crangon crangon</i> - Adult	48 hours
SureSelect Wash Buffer 1			
Sodium dodecyl sulphate	Acute EC50 1200 μg/l Marine water Acute LC50 900 μg/l Marine water	Algae - <i>Skeletonema costatum</i> Crustaceans - <i>Artemia salina</i> - Adult	96 hours 48 hours
	Acute LC50 1400 μg/l Fresh water	Daphnia - <i>Daphnia pulex</i> - Neonate	48 hours
	Acute LC50 590 μg/l Fresh water Chronic NOEC 1.25 mg/l Marine water Chronic NOEC 1 mg/l Fresh water	Fish - <i>Cirrhinus mrigala</i> - Larvae Algae - <i>Ulva fasciata</i> - Zoea Crustaceans - <i>Pseudosida</i>	96 hours 96 hours 21 days
	Chronic NOEC 3.2 mg/l Fresh water	<i>ramosa -</i> Neonate Daphnia <i>- Daphnia magna -</i> Neonate	21 days
	Chronic NOEC 0.8 mg/l Fresh water	Fish - Gambusia holbrooki	28 days
SureSelect Wash Buffer 2			
Sodium dodecyl sulphate	Acute EC50 1200 μg/l Marine water Acute LC50 900 μg/l Marine water	Algae - <i>Skeletonema costatum</i> Crustaceans - <i>Artemia salina</i> - Adult	96 hours 48 hours
	Acute LC50 1400 μg/l Fresh water	Daphnia - <i>Daphnia pulex</i> - Neonate	48 hours
	Acute LC50 590 µg/l Fresh water Chronic NOEC 1.25 mg/l Marine water Chronic NOEC 1 mg/l Fresh water	Fish - <i>Cirrhinus mrigala</i> - Larvae Algae - <i>Ulva fasciata</i> - Zoea Crustaceans - <i>Pseudosida</i>	96 hours 96 hours 21 days
	Chronic NOEC 3.2 mg/l Fresh water	<i>ramosa</i> - Neonate Daphnia - <i>Daphnia magna</i> -	21 days
	Chronic NOEC 0.8 mg/l Fresh water	Neonate Fish - <i>Gambusia holbrooki</i>	28 days
SureSelect RNase Block Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
SSel XT HS Cancer All-In- One Lung, 16 Reactions			
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours

#### 12.2 Persistence and degradability

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Section 12. Ecolog	gical informa	ation		
Product/ingredient name	Test	Result	Dose	Inoculum
End Repair-A Tailing Enzyme Mix Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
<b>T4 DNA Ligase</b> Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
Ligation Buffer Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
Herculase II Fusion DNA Polymerase Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
<b>5X Herculase II Reaction Buffer</b> Trometamol	OECD 301F Ready Biodegradability - Manometric Respirometry Test	97.1 % - Readily - 28 days	30 mg/l	-
SureSelect Wash Buffer 1 Sodium dodecyl sulphate	OECD 301B Ready Biodegradability - CO <sub>2</sub> Evolution Test	95 % - Readily - 28 days	20 mg/l	-
SureSelect Wash Buffer 2 Sodium dodecyl sulphate	OECD 301B Ready Biodegradability - CO <sub>2</sub> Evolution Test	95 % - Readily - 28 days	20 mg/l	-
SureSelect RNase Block Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
SSel XT HS Cancer All-In- One Lung, 16 Reactions Glycerol	301D Ready	93 % - 30 days	-	-
Date of issue : 04/30/2	024			70/75

SureSelect XT HS Reagent Kit, index 1-16 + SSel Cancer All-In-One Lung Panel, 16rxn, Part Number G9704R

### Section 12. Ecological information

	Biodegradability - Closed Bottle Test		
Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
End Repair-A Tailing Buffer Potassium chloride	-	-	Readily
5X Herculase II Reaction Buffer			
Trometamol	-	-	Readily
Hexadecan-1-ol, ethoxylated	-	-	Readily
SureSelect Wash Buffer 1			
Sodium dodecyl sulphate	-	-	Readily
SureSelect Wash Buffer 2			
Sodium dodecyl sulphate	-	-	Readily

#### **12.3 Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
End Repair-A Tailing			
Enzyme Mix	4.70		
Glycerol	-1.76	-	Low
End Repair-A Tailing Buffer			
Potassium chloride	-0.46	-	Low
T4 DNA Ligase			
Glycerol	-1.76	-	Low
Ligation Buffer			
Glycerol	-1.76	-	Low
Herculase II Fusion DNA			
Polymerase			
Glycerol	-1.76	-	Low
5X Herculase II Reaction			
Buffer			
Trometamol	-2.31	-	Low
Hexadecan-1-ol, ethoxylated	>6.06	-	High
SureSelect Wash Buffer 1 Sodium dodecyl sulphate	-2.03		Low
	-2.03	-	LOW
SureSelect Wash Buffer 2			
Sodium dodecyl sulphate	-2.03	-	Low
SureSelect RNase Block	4.70		1
Glycerol	-1.76	-	Low
SSel XT HS Cancer All-In-			
One Lung, 16 Reactions			
Glycerol	-1.76	-	Low

#### 12.4 Mobility in soil

Soil/water partition coefficient (Koc)

- : Not available.
- **12.5 Other adverse effects** : No known significant effects or critical hazards.

### Section 13. Disposal considerations

#### 13.1 Waste treatment methods

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

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

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

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

### Section 14. Transport information

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

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

Transport in bulk according : Not available. to IMO instruments

### Section 15. Regulatory information

15.1 Safety, health and envir	onmental regulations/legislation specific for the substance or mixture	<u>)</u>
U.S. Federal regulations	: TSCA 8(a) CDR Exempt/Partial exemption: Not determined	
	Clean Water Act (CWA) 311: Edetic acid	
Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)	: Not listed	
Clean Air Act Section 602 Class I Substances	: Not listed	

# Section 15. Regulatory information

5	5
Clean Air Act Section 602 Class II Substances	: Not listed
DEA List I Chemicals (Precursor Chemicals)	: Not listed
DEA List II Chemicals (Essential Chemicals)	: Not listed
<u>SARA 302/304</u>	
Composition/information	on ingredients
No products were found.	
SARA 304 RQ	: Not applicable.
<u>SARA 311/312</u>	
Classification	End Repair-A Tailing Enzyme Mix End Repair-A Tailing BufferEYE IRRITATION - Category 2B Not applicable.T4 DNA LigaseEYE IRRITATION - Category 2B Ligation BufferT4 DNA LigaseEYE IRRITATION - Category 2B Ligation BufferAdaptor Oligo MixNot applicable.Forward PrimerNot applicable.100 mM dNTP Mix (25 mM each dNTP)Not applicable.Herculase II Reaction DNA Polymerase 5X Herculase II Reaction BufferNot applicable.SureSelect Binding Buffer 1Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect Fast Hybridization BufferNot applicable.SureSelect RNase BlockEYE IRRITATION - Category 2BSureSelect RNase BlockEYE IRRITATION - Category 2BSureSelect XT HS Index Primer A01-H02Not applicable.Sel XT HS Cancer All-In-One Lung, 16Not applicable.ReactionsNot applicable.Not applicable.Not applicable.SureSelect XT HS Index Primer A01-H02Not applicable.Sel XT HS Cancer All-In-One Lung, 16Not applicable.Not applicable.Not applicable.Not applicable.Not applicable.Not applicable.Not applicable.SureSelect To st - Capture Primer MixNot applicable.

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

	Classification
≥50 - ≤75	EYE IRRITATION - Category 2B
≤3	EYE IRRITATION - Category 2B
≥50 - ≤75	EYE IRRITATION - Category 2B
≥10 - ≤25	EYE IRRITATION - Category 2B
>50 <75	EYE IRRITATION - Category 2B
200-275	
≤3	COMBUSTIBLE DUSTS
	SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A
	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tra
	irritation) - Category 3
≥50 - ≤75	EYE IRRITATION - Category 2B
	≥50 - ≤75 ≤3 ≥50 - ≤75 ≥10 - ≤25 ≥50 - ≤75 ≤3

### Section 15. Regulatory information

J	Section 15. Regulatory information		
	SSel XT HS Cancer All-In-One Lung, 16 Reactions Glycerol	≤3	EYE IRRITATION - Category 2B
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#### **SARA 313**

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

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

#### **State regulations**

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

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

#### International regulations

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

#### Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC) Not listed.

#### **UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

#### Inventory list

Australia	: Not determined.
Canada	: Not determined.
China	: Not determined.
Japan	: Japan inventory (CSCL): Not determined. Japan inventory (ISHL): Not determined.
New Zealand	: Not determined.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: Not determined.
Thailand	: Not determined.
Turkey	: Not determined.
United States	: Not determined.
Viet Nam	: Not determined.

### Section 16. Other information

#### Procedure used to derive the classification

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

<u>HISTOLY</u>	
Date of issue/Date of revision	: 04/30/2024
Date of previous issue	: 05/20/2021
Version	: 4
Key to abbreviations	: ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = International Air Transport Association IBC = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available UN = United Nations

✓ Indicates information that has changed from previously issued version.

#### Notice to reader

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

Note \*

\*SureSelect XT HS Index Primer A01-H02: 5190-6419, 5190-6420, 5190-6421, 5190-6422, 5190-6423, 5190-6424, 5190-6425, 5190-6426, 5190-6427, 5190-6428, 5190-6429, 5190-6430, 5190-6431, 5190-6432, 5190-6433, 5190-6434