# SAFETY DATA SHEET



#### SureSelect XT HS Reagent Kit, index 1-32 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9706R

# Section 1. Identification

Product identifier	: SureSelect XT HS Reagent Kit, index 1-32 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9706R		
Part no. (chemical kit)	: G9706R		
Part no.	: <u>SureSelect XT HS and XT Low Input Library</u> <u>Preparation Kit for ILM (Pre PCR), 96</u> <u>Reactions</u>	<u>5500-0140</u>	
	End Repair-A Tailing Enzyme Mix	5190-6435	
	End Repair-A Tailing Buffer	5190-6436	
	T4 DNA Ligase	5190-6437	
	Ligation Buffer	5190-6438	
	Adaptor Oligo Mix	5190-6439	
	Forward Primer	5190-6440	
	SureSelect XT HS and XT Low Input Library	<u>5500-0140 / 5190-9686</u>	
	Preparation Kit for ILM (Pre PCR), 96		
	Reactions / SureSelect XT HS and XT Low		
	Input Target Enrichment Kit, ILM Hyb Module,		
	Box 2 (Post PCR), 96 Reactions		
	100 mM dNTP Mix (25 mM each dNTP)	200418-51	
	Herculase II Fusion DNA Polymerase	5600-3761	
	5X Herculase II Reaction Buffer	600675-52	
	SureSelect XT HS Target Enrichment Kit, ILM	<u>5190-9687</u>	
	<u>Hyb Module, Box 1 (Post PCR), 96 Reactions</u>		
	SureSelect Binding Buffer	5190-9734	
	SureSelect Wash Buffer 1	5190-4408	
	SureSelect Wash Buffer 2	5190-4409	
	SureSelect XT HS and XT Low Input Target	<u>5190-9686</u>	
	Enrichment Kit, ILM Hyb Module, Box 2 (Post PCR), 96 Reactions		
	SureSelect XT HS and XT Low Input Blocker Mix	5190-9534	
	SureSelect Fast Hybridization Buffer	5190-7330	
	SureSelect RNase Block	5972-3700	
	SureSelect Post-Capture Primer Mix	5190-9732	
	SureSelect XT HS Index Primers 1-32 for ILM	<u>5190-9876</u>	
	(Pre PCR), 96 Reactions		
	SureSelect XT HS Index Primer A01-H04	Various*	
	SSel XT HS and XT Low Input Cancer All-In-	<u>5191-4097</u>	
	One Lung, 96 Reactions	5404 4007	
	SSel XT HS and XT Low Input Cancer All-In- One Lung, 96 Reactions	5191-4097	
Material uses	: Analytical reagent. For Research Use Only. Not for use in diagnostic	procedures.	
	End Repair-A Tailing Enzyme Mix	0.512 ml (96 reactions)	
	End Repair-A Tailing Buffer	2.048 ml (96 reactions)	
	T4 DNA Ligase	0.256 ml (96 reactions)	
	Ligation Buffer	2.944 ml (96 reactions)	
	Adaptor Oligo Mix	0.64 - 0.7 ml (96 reactions)	
	Forward Primer	0.256 ml (96 reactions)	
	100 mM dNTP Mix (25 mM each dNTP)	0.1 ml	
	Herculase II Fusion DNA Polymerase	0.14 ml (96 reactions)	
	5X Herculase II Reaction Buffer	1.5 ml	
	SureSelect Binding Buffer	93 ml	
	SureSelect Wash Buffer 1	48 ml	
Date of issue/Date of revision	: 04/19/2022 Date of previous issue : 03/07/2	2022 Version : 3.1 1/76	

SureSelect XT HS Reagent Kit, index 1-32 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9706R

# Section 1. Identification

	SureSelect Wash Buffer 2	144 ml
	SureSelect XT HS and XT Low Input Blocker Mix	0.64 ml (96 reactions)
	SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post-Capture Primer Mix SureSelect XT HS Index Primer A01-H04 SSel XT HS and XT Low Input Cancer All-In-	0.918 ml 0.08 ml 0.14 ml (96 reactions) 96 x 0.01 ml (16 reactions) 0.192 ml (96 reactions)
	One Lung, 96 Reactions	
Supplier/Manufacturer	: Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA 800-227-9770	
Emergency telephone number (with hours of operation)	: CHEMTREC®: 1-800-424-9300	
Note *	*SureSelect XT HS Index Primer A01-H04: 5190-64 5190-6423, 5190-6424, 5190-6425, 5190-6426, 5190- 5190-6431, 5190-6432, 5190-6433, 5190-6434, 5190- 5190-9744, 5190-9745, 5190-9746, 5190-9747, 5190- 5190-9752, 5190-9753, 5190-9754, 5190-9755	6427, 5190-6428, 5190-6429, 5190-6430, 9740, 5190-9741, 5190-9742, 5190-9743,

# Section 2. Hazard identification

#### **Classification of the substance or mixture**

End Repair-A Tailing Enzyme Mix H320	EYE IRRITATION - Category 2	В	
<b>T4 DNA Ligase</b> H320	EYE IRRITATION - Category 2B		
Ligation Buffer H320	EYE IRRITATION - Category 2B		
Herculase II Fusion DNA Polymerase H320	EYE IRRITATION - Category 2	В	
SureSelect RNase Block H320	EYE IRRITATION - Category 2	В	
GHS label elements			
Signal word	: 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	Warning No signal word. Warning No signal word. No signal word. No signal word. Warning No signal word. No signal word.	
Date of issue/Date of revision	: 04/10/2022 Date of provious i	: 03/07/2022	Version :31

Section 2. Hazaru		
	SureSelect Wash Buffer 1	No signal word.
	SureSelect Wash Buffer 2	No signal word.
	SureSelect XT HS and XT	No signal word.
	Low Input Blocker Mix SureSelect Fast	No signal word.
	Hybridization Buffer	
	SureSelect RNase Block	Warning
	SureSelect Post-Capture	No signal word.
	Primer Mix	
	SureSelect XT HS Index	No signal word.
	Primer A01-H04	C C C C C C C C C C C C C C C C C C C
	SSel XT HS and XT Low	No signal word.
	Input Cancer All-In-One	
	Lung, 96 Reactions	
Hazard statements	: End Repair-A Tailing	H320 - Causes eye irritation.
	Enzyme Mix	
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	H320 - Causes eye irritation.
	Ligation Buffer	H320 - Causes eye irritation.
	Adaptor Oligo Mix Forward Primer	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	H320 - Causes eye irritation.
	Polymerase	
	5X Herculase II Reaction	No known significant effects or critical hazards.
	Buffer	Ū.
	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	No known significant effects or critical hazards.
	Low Input Blocker Mix	
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block	H320 - Causes eye irritation.
	SureSelect Post-Capture	No known significant effects or critical hazards.
	Primer Mix	
	SureSelect XT HS Index	No known significant effects or critical hazards.
	Primer A01-H04	0
	SSel XT HS and XT Low	No known significant effects or critical hazards.
	Input Cancer All-In-One	
	Lung, 96 Reactions	
Precautionary statements		
Prevention	: End Repair-A Tailing	Not applicable.
	Enzyme Mix	11
	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	Not applicable.
	each dNTP)	Natanliashla
	Herculase II Fusion DNA	Not applicable.
	Polymerase 5X Herculase II Reaction	Not applicable.
	Buffer	
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT	Not applicable.
Dete of incurs/Dete of multiples		
Date of issue/Date of revision	: 04/19/2022 Date of previous i	issue : 03/07/2022 Version : 3.1 3/76

	Low Input Blocker Mix SureSelect Fast Hybridization Buffer	Not applicable.
	SureSelect RNase Block	Not applicable
	SureSelect Post-Capture	Not applicable. Not applicable.
	Primer Mix	Not applicable.
	SureSelect XT HS Index Primer A01-H04	Not applicable.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not applicable.
Deserves	-	
Response	: End Repair-A Tailing Enzyme Mix	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice or attention.
	End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	P305 + P351 + P338 - IF IN EYES: Rinse cautiously
	-	with water for several minutes. Remove contact
		lenses, if present and easy to do. Continue rinsing.
		P337 + P313 - If eye irritation persists: Get medical
		advice or attention.
	Ligation Buffer	P305 + P351 + P338 - IF IN EYES: Rinse cautiously
		with water for several minutes. Remove contact
		lenses, if present and easy to do. Continue rinsing.
		P337 + P313 - If eye irritation persists: Get medical
		advice or attention.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer	Not applicable.
	100 mM dNTP Mix (25 mM each dNTP)	Not applicable.
	Herculase II Fusion DNA	P305 + P351 + P338 - IF IN EYES: Rinse cautiously
	Polymerase	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	Not applicable.
	Buffer	····
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT	Not applicable.
	Low Input Blocker Mix	
	SureSelect Fast	Not applicable.
	Hybridization 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.
	SureSelect Post-Capture	Not applicable.
	Primer Mix	
	SureSelect XT HS Index	Not applicable.
	Primer A01-H04	N. A. S. R. S. L.
	SSel XT HS and XT Low	Not applicable.
	Input Cancer All-In-One	
	Lung, 96 Reactions	

Storago	: End Repair-A Tailing	Not applicable.
Storage	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	Not applicable.
	each dNTP)	
	Herculase II Fusion DNA	Not applicable.
	Polymerase	
	5X Herculase II Reaction	Not applicable.
	Buffer	
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT	Not applicable.
	Low Input Blocker Mix	
	SureSelect Fast	Not applicable.
	Hybridization Buffer	
	SureSelect RNase Block	Not applicable.
	SureSelect Post-Capture	Not applicable.
	Primer Mix	
	SureSelect XT HS Index	Not applicable.
	Primer A01-H04	<b>N 1 1 1</b>
	SSel XT HS and XT Low	Not applicable.
	Input Cancer All-In-One	
	Lung, 96 Reactions	
Dispessel		Not applicable
Disposal	: End Repair-A Tailing	Not applicable.
וsposal	Enzyme Mix	
ושsposal	Enzyme Mix End Repair-A Tailing Buffer	Not applicable.
Usposal	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase	Not applicable. Not applicable.
usposai	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer	Not applicable. Not applicable. Not applicable.
usposai	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix	Not applicable. Not applicable. Not applicable. Not applicable.
usposai	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
שוש	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM	Not applicable. Not applicable. Not applicable. Not applicable.
טוש	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)	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
טוש	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	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
Uisposai	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	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
usposai	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	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
Uisposai	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	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
usposai	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	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
uisposai	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	Not applicable. Not applicable.
uisposai	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	Not applicable. Not applicable.
uisposai	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT	Not applicable. Not applicable.
uisposai	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix	Not applicable. Not applicable.
uisposai	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast	Not applicable. Not applicable.
uisposai	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer	Not applicable. Not applicable.
uisposai	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	Not applicable. Not applicable.
uisposai	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	Not applicable. Not applicable.
uisposai	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 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.
uisposai	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 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	Not applicable. Not applicable.
UISPOSAI	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 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-H04	Not applicable. Not applicable.
UISPOSAI	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 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-H04 SSel XT HS and XT Low	Not applicable. Not applicable.
UISPOSAI	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 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-H04	Not applicable. Not applicable.

Supplemental label	: End Repair-A Tailing	None known.
elements	Enzyme Mix	
	End Repair-A Tailing Buffer	None known. None known.
	T4 DNA Ligase Ligation Buffer	None known.
	Adaptor Oligo Mix	None known.
	Forward Primer	None known.
	100 mM dNTP Mix (25 mM	None known.
	each dNTP)	
	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	None known.
	Low Input Blocker Mix	
	SureSelect Fast Hybridization Buffer	None known.
	SureSelect RNase Block	None known.
	SureSelect Post-Capture Primer Mix	None known.
	SureSelect XT HS Index Primer A01-H04	None known.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	None known.
	100 mM dNTP Mix (25 mM each dNTP) SureSelect Fast Hybridization Buffer	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 5.4% Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 31.3%
Other hazards which do not result in classification	: End Repair-A Tailing Enzyme Mix	None known.
	End Repair-A Tailing Buffer	None known.
	T4 DNA Ligase	None known.
	Ligation Buffer	None known.
	Adaptor Oligo Mix	None known.
	Forward Primer	None known.
	100 mM dNTP Mix (25 mM each dNTP)	None known.
	Herculase II Fusion DNA Polymerase	None known.
	5X Herculase II Reaction Buffer	None known.
	SureSelect Binding Buffer	None known.
	SureSelect Wash Buffer 1	None known.
	SureSelect Wash Buffer 2	None known.
	SureSelect XT HS and XT Low Input Blocker Mix	None known.
	SureSelect Fast Hybridization Buffer	None known.
	SureSelect RNase Block	None known.
	SureSelect Post-Capture Primer Mix	None known.
	SureSelect XT HS Index Primer A01-H04	None known.
	SSel XT HS and XT Low Input Cancer All-In-One	None known.

Lung, 96 Reactions

#### Section 3. Composition/information on ingredients Substance/mixture : End Repair-A Tailing Mixture Enzyme Mix 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 Mixture each dNTP) Herculase II Fusion DNA Mixture Polymerase 5X Herculase II Reaction Mixture Buffer SureSelect Binding Buffer Mixture SureSelect Wash Buffer 1 Mixture SureSelect Wash Buffer 2 Mixture SureSelect XT HS and XT Mixture Low Input Blocker Mix SureSelect Fast Mixture Hybridization Buffer SureSelect RNase Block Mixture SureSelect Post-Capture Mixture Primer Mix SureSelect XT HS Index Mixture Primer A01-H04 SSel XT HS and XT Low Mixture

Input Cancer All-In-One Lung 96 Reactions

Lung,	90 Reactions		
Ingredient name		% (w/w)	CAS number
End Repair-A Tailing Enzyme Mix Glycerol		30 - 60	56-81-5
End Repair-A Tailing Buffer Potassium chloride		1 - 5	7447-40-7
T4 DNA Ligase			
Glycerol		30 - 60	56-81-5
Ligation Buffer Polyethylene glycol Glycerol		10 - 30 10 - 30	25322-68-3 56-81-5
Herculase II Fusion DNA Polymerase Glycerol		30 - 60	56-81-5
<b>5X Herculase II Reaction Buffer</b> Trometamol Ammonium sulphate Hexadecan-1-ol, ethoxylated		1 - 5 0.5 - 1.5 0.1 - 1	77-86-1 7783-20-2 9004-95-9
SureSelect Binding Buffer Sodium chloride		3 - 7	7647-14-5
SureSelect Wash Buffer 1 Sodium dodecyl sulphate		<0.1	151-21-3
Date of issue/Date of revision : 04/19	0/2022 Date of previous issue	: 03/07/2022	Version : 3.1 7/76

# Section 3. Composition/information on ingredients

SureSelect Wash Buffer 2 Sodium dodecyl sulphate	<0.1	151-21-3	
SureSelect RNase Block Glycerol	30 - 60	56-81-5	
SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions Glycerol	0.5 - 1.5	56-81-5	

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

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

Description of necessary	<u>first aid measures</u>	
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,
	Ligation Buffer	get medical attention. 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,
	Adaptor Oligo Mix	get medical attention. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get 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 dNTP)	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.
	Herculase II Fusion DNA Polymerase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists,
	5X Herculase II Reaction Buffer	get medical attention. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation accura
	SureSelect Binding Buffer	medical attention if irritation occurs. Immediately flush eyes with plenty of water,
Date of issue/Date of revision	: 04/19/2022 Date of previous i	ssue : 03/07/2022 Version : 3.1 8/76

	SureSelect Wash Buffer 1	occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get
	SureSelect Wash Buffer 2	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get
	SureSelect XT HS and XT Low Input Blocker Mix	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureSelect Fast Hybridization 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 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 Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureSelect XT HS Index Primer A01-H04	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.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation :	End Repair-A Tailing Enzyme Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
	End Repair-A Tailing Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	T4 DNA Ligase	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

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		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.
Liga	tion 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.
Adaj	ptor Oligo Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Forw	vard Primer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	mM dNTP Mix (25 mM n 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.
	culase II Fusion DNA merase	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 H Buffe	lerculase II Reaction er	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.
Sure	Select Binding Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Sure	Select Wash Buffer 1	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Sure	Select Wash Buffer 2	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	Select XT HS and XT Input Blocker Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	Select Fast ridization 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

SureSelect RNase Block       delayed. The exposed person may need to be kepl under medical surveillance for 48 hours.         SureSelect RNase Block       Remove vicitm to fresh air and keep at rest in a position confortable for breathing. If not breathing, if provider arificial respiration or axygen by trained personnel. It may be dangerous to the person providing arificial respiration or axygen by trained personnel. It may be dangerous to the person providing arificial respiration or axygen by trained personnel. It may be dangerous to the person providing arificial respiration yearse health metrics persistion. Get medical attention if averse health metrics persistion and get medical attention if averse health metrics persistion and get medical attention if symptoms occur.         SureSelect Post-Capture       Remove vicitm to fresh air and keep at rest in a position confortable for breathing. Get medical attention if symptoms occur.         SureSelect XT HS Index Primer A01-H04       Remove vicitm to fresh air and keep at rest in a position confortable for breathing. Get medical attention if symptoms occur.         Skin contact       : End Repair-A Tailing Enzyme Mix       Remove contaminated cloting and shoes. Get medical attention if symptoms occur.         T4 DNA Ligase       Flush contaminated cloting and shoes. Get medical attention if symptoms occur.       Nash cloting and shoes. Get medical attention if symptoms occur.         T4 DNA Ligase       Flush contaminated cloting and shoes. Get medical attention if symptoms occur.       Nash cloting and shoes. Get medical attention if symptoms occur.         Remove contaminated cloting and shoes. Get medical attentin if symptoms occur.       Nashocottam	SureSelect RNase Block			
Primer Mix       position comfortable for breaking. Get medical attention if symptoms occur.         SureSelect XT HS Index       Primer A01-H04         Primer A01-H04       Remove victim to fresh air and keep at rest in a position comfortable for breaking. Get medical attention if symptoms occur.         Skin contact       End Repair-A Tailing Enzyme Mix         End Repair-A Tailing Enzyme Mix       Flush contaminated obthing and shoes. Get medical attention if symptoms occur.         T4 DNA Ligase       Flush contaminated dothing and shoes. Get medical attention if symptoms occur.         T4 DNA Ligase       Flush contaminated dothing and shoes. Get medical attention if symptoms occur.         Ligation Buffer       Flush contaminated dothing and shoes. Get medical attention if symptoms occur.         Ligation Buffer       Flush contaminated dothing and shoes. Get medical attention if symptoms occur.         Ligation Buffer       Flush contaminated dothing and shoes. Get medical attention if symptoms occur.         Ligator Buffer       Flush contaminated skin with plenty of water.         Remove contaminated skin with plenty of water.       Remove contaminated skin with plenty of water.         Remove contaminated skin with plenty of water.       Remove contaminated skin with plenty of water.         Remove contaminated skin with plenty of water.       Remove contaminated skin with plenty of water.         Remove contaminated skin with plenty of water.       Remove contaminated skin with pl	Primer Mix       position comfortable for breathing. Get medical attention if symptoms occur.         SureSelect XT HS Index Primer A01-H04       Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.         Skin contact       End Repair-A Tailing Enzyme Mix       Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.         Skin contact       End Repair-A Tailing Enzyme Mix       Flush contaminated skin with plenty of water.         End Repair-A Tailing Buffer       Flush contaminated skin with plenty of water.         T4 DNA Ligase       Flush contaminated skin with plenty of water.         T4 DNA Ligase       Flush contaminated skin with plenty of water.         Ligation Buffer       Flush contaminated skin with plenty of water.         Remove contaminated skin with plenty of water.       Remove contaminated skin with plenty of water.         Remove contaminated skin with plenty of water.       Remove contaminated skin with plenty of water.         Remove contaminated skin with plenty of water.       Remove contaminated skin with plenty of water.         Remove contaminated skin with plenty of water.       Remove contaminated skin with plenty of water.         Remove contaminated skin with plenty of water.       Remove contaminated skin with plenty of water.         Remove contaminated skin with plenty of water.       Remove contaminated skin with plenty of water.			under medical surveillance for 48 hours. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
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	Date of issue/Date of revision : 04/19/2022 Date of previous issue : 03/07/2022 Version : 3.1 11/7		SureSelect Wash Buffer 2	

		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	Flush contaminated skin with plenty of water.
	Hybridization Buffer	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-H04	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion :	End Repair-A Tailing Enzyme Mix	Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
	End Repair-A Tailing Buffer	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical
	T4 DNA Ligase	personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
	Ligation Buffer	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

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	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 occur.
Forward Primer	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
100 mM dNTP Mix (25 mM each dNTP)	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Herculase II Fusion DNA Polymerase	Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen 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	Wash out mouth with water. If material has been
	Hybridization Buffer	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
	SureSelect RNase Block	personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove dentures if any.
	SureSelect Mase Diock	If material has been swallowed and the exposed
		person is conscious, give small quantities of water to
		drink. Stop if the exposed person feels sick as
		vomiting may be dangerous. Do not induce vomiting
		unless directed to do so by medical personnel. If
		vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention
		if adverse health effects persist or are severe. Never
		give anything by mouth to an unconscious person. If
		unconscious, place in recovery position and get
		medical attention immediately. Maintain an open
		airway. Loosen tight clothing such as a collar, tie, belt or waistband.
	SureSelect Post-Capture	Wash out mouth with water. If material has been
	Primer Mix	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 Index	Wash out mouth with water. If material has been
	Primer A01-H04	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
	SSel XT HS and XT Low	personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been
	Input Cancer All-In-One	swallowed and the exposed person is conscious, give
	Lung, 96 Reactions	small quantities of water to drink. Do not induce
		vomiting unless directed to do so by medical
		personnel. Get medical attention if symptoms occur.
Most important symptoms/effec	ts acute and delayed	
Potential acute health effects	<u>sto, douto and dolayou</u>	
	End Repair-A Tailing	Causes eye irritation.
Lyc contact .	Enzyme Mix	
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	Causes eye irritation.
	Ligation Buffer	Causes eye irritation.
	Adaptor Oligo Mix Forward Primer	No known significant effects or critical hazards. No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM	No known significant effects or critical hazards.
	each dNTP)	,
	Herculase II Fusion DNA	Causes eye irritation.
	Polymerase 5X Herculase II Reaction	No known significant effects or critical hazards.
	Buffer	NO KIOWIT SIGNILICATE ETECTS OF CHICAI HAZAIDS.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast	No known significant effects or critical hazards.
	Hybridization Buffer	

Section 4. First-ald	measures	
	SureSelect RNase Block	Causes eye irritation.
	SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards.
	SureSelect XT HS Index Primer A01-H04	No known significant effects or critical hazards.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No known significant effects or critical hazards.
Inhalation :	End Repair-A Tailing	No known significant effects or critical hazards.
	Enzyme Mix	No known eignificent effects en exitical benerde
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer 100 mM dNTP Mix (25 mM	No known significant effects or critical hazards. No known significant effects or critical hazards.
	each dNTP) Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	,
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast Hybridization 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-H04	No known significant effects or critical hazards.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No known significant effects or critical hazards.
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 dNTP)	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT	No known significant effects or critical hazards.
	Low 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-H04	No known significant effects or critical hazards.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No known significant effects or critical hazards.
Ingestion :	End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
	Herculase IÍ Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards.
	SureSelect XT HS Index Primer A01-H04	No known significant effects or critical hazards.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No known significant effects or critical hazards.
Over-exposure signs/symptor	<u>ns</u>	
Eye contact :	End Repair-A Tailing Enzyme Mix	Adverse symptoms may include the following:
	-	irritation watering redness
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	Adverse symptoms may include the following: irritation watering redness
	Ligation Buffer	Adverse symptoms may include the following: irritation watering redness
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM	No specific data.
	each dNTP) Herculase II Fusion DNA Polymerase	Adverse symptoms may include the following:
	Herculase II Fusion DNA	Adverse symptoms may include the following: irritation watering
	Herculase II Fusion DNA	irritation
	Herculase II Fusion DNA	irritation watering

	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	No specific data.
	Low Input Blocker Mix	
	SureSelect Fast	No specific data.
	Hybridization Buffer	
	SureSelect RNase Block	Adverse symptoms may include the following:
		irritation
		watering
		redness
	SureSelect Post-Capture	No specific data.
	Primer Mix	
	SureSelect XT HS Index	No specific data.
	Primer A01-H04	
	SSel XT HS and XT Low	No specific data.
	Input Cancer All-In-One	
	Lung, 96 Reactions	
Inhalation	: End Repair-A Tailing	No specific data.
	Enzyme Mix	
	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	No specific data.
	each dNTP)	
	Herculase II Fusion DNA	No specific data.
	Polymerase	
	5X Herculase II Reaction	No specific data.
	Buffer	
	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	No specific data.
	Low Input Blocker Mix	
	SureSelect Fast	No specific data.
	Hybridization Buffer	
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture	No specific data.
	Primer Mix	I
	SureSelect XT HS Index	No specific data.
	Primer A01-H04	
	SSel XT HS and XT Low	No specific data.
	Input Cancer All-In-One	
	Lung, 96 Reactions	
Skin contact	: End Repair-A Tailing	No specific data.
Skiir contact	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	No specific data.
		No specific data.
	each dNTP) Herculase II Fusion DNA	No specific data
		No specific data.
	Polymerase 5X Herculase II Reaction	No specific data
	Buffer	No specific data.
	Dullei	

	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	No specific data.
	Low Input Blocker Mix	
	SureSelect Fast	No specific data.
	Hybridization Buffer	
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture	No specific data.
	Primer Mix	
	SureSelect XT HS Index	No specific data.
		No specific data.
	Primer A01-H04	
	SSel XT HS and XT Low	No specific data.
	Input Cancer All-In-One	
	Lung, 96 Reactions	
Ingestion	End Repair-A Tailing	No specific data.
5	Enzyme Mix	·
	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	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	No specific data.
	Low Input Blocker Mix	···· · · · · · · · · · · · · · · · · ·
	SureSelect Fast	No specific data.
	Hybridization Buffer	
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture Primer Mix	No specific data.
	SureSelect XT HS Index	No specific data.
	Primer A01-H04	
	SSel XT HS and XT Low	No specific data.
	Input Cancer All-In-One	
	Lung, 96 Reactions	
	,	

Indication of immediate medical attention and special treatment 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 ingested or inhaled.
	Adaptor Oligo Mix	Treat symptomatically. Contact poison treatment
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		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	In case of inhalation of decomposition products in a
	each dNTP)	fire, symptoms may be delayed. The exposed
		person may need to be kept under medical
	Herculase II Fusion DNA	surveillance for 48 hours.
		Treat symptomatically. Contact poison treatment
	Polymerase	specialist immediately if large quantities have been
	5X Herculase II Reaction	ingested or inhaled. In case of inhalation of decomposition products in a
	Buffer	fire, symptoms may be delayed. The exposed
	Buller	person may need to be kept under medical
		surveillance for 48 hours.
	SureSelect Binding Buffer	Treat symptomatically. Contact poison treatment
	Surcocleat Binding Bunch	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	Treat symptomatically. Contact poison treatment
	Low Input Blocker Mix	specialist immediately if large quantities have been
	•	ingested or inhaled.
	SureSelect Fast	In case of inhalation of decomposition products in a
	Hybridization Buffer	fire, symptoms may be delayed. The exposed
		person may need to be kept under medical
		surveillance for 48 hours.
	SureSelect RNase Block	Treat symptomatically. Contact poison treatment
		specialist immediately if large quantities have been ingested or inhaled.
	SureSelect Post-Capture	Treat symptomatically. Contact poison treatment
	Primer Mix	specialist immediately if large quantities have been
		ingested or inhaled.
	SureSelect XT HS Index	Treat symptomatically. Contact poison treatment
	Primer A01-H04	specialist immediately if large quantities have been ingested or inhaled.
	SSel XT HS and XT Low	Treat symptomatically. Contact poison treatment
	Input Cancer All-In-One	specialist immediately if large quantities have been
	Lung, 96 Reactions	ingested or inhaled.
Specific treatments :	End Repair-A Tailing Enzyme Mix	No specific treatment.
	End Repair-A Tailing Buffer	No specific treatment.
	T4 DNA Ligase	No specific treatment.
	Ligation Buffer	No specific treatment.
	Adaptor Oligo Mix	No specific treatment.
	Forward Primer	No specific treatment.
	100 mM dNTP Mix (25 mM each dNTP)	No specific treatment.
	Herculase II Fusion DNA	No specific treatment.
	Polymerase	
	5X Herculase II Reaction	No specific treatment.
	Buffer	
	SureSelect Binding Buffer	No specific treatment.
	SureSelect Wash Buffer 1	No specific treatment.
	SureSelect Wash Buffer 2	No specific treatment.

Section 4. First-alu	illeasules	
	SureSelect XT HS and XT Low Input Blocker Mix	No specific treatment.
	SureSelect Fast Hybridization Buffer	No specific treatment.
	SureSelect RNase Block	No specific treatment.
	SureSelect Post-Capture Primer Mix	No specific treatment.
	SureSelect XT HS Index Primer A01-H04	No specific treatment.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No specific treatment.
Protection of first-aiders :	End Repair-A Tailing Enzyme Mix	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth
	End Repair-A Tailing Buffer	resuscitation. No action shall be taken involving any personal risk or without suitable training.
	T4 DNA Ligase	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth
	Ligation Buffer	resuscitation. No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth
	Adaptor Oligo Mix	resuscitation. No action shall be taken involving any personal risk or without suitable training.
	Forward Primer	No action shall be taken involving any personal risk or without suitable training.
	100 mM dNTP Mix (25 mM each dNTP)	No action shall be taken involving any personal risk or without suitable training.
	Herculase II Fusion DNA	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	No action shall be taken involving any personal risk
	Buffer SureSelect Binding Buffer	or without suitable training. No action shall be taken involving any personal risk
	SureSelect Wash Buffer 1	or without suitable training. No action shall be taken involving any personal risk or without suitable training
	SureSelect Wash Buffer 2	or without suitable training. No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT HS and XT	No action shall be taken involving any personal risk
	Low Input Blocker Mix	or without suitable training.
	SureSelect Fast	No action shall be taken involving any personal risk
	Hybridization Buffer	or without suitable training.
	SureSelect RNase Block	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
	SureSelect Post-Capture Primer Mix	No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT HS Index Primer A01-H04	No action shall be taken involving any personal risk or without suitable training.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Extinguishing modia		
Extinguishing media		
Suitable extinguishing	: End Repair-A Tailing	Use an extinguishing agent suitable for the
media	Enzyme Mix	surrounding fire.
	End Repair-A Tailing Buffer	Use an extinguishing agent suitable for the
		surrounding fire.
	T4 DNA Ligase	Use an extinguishing agent suitable for the
		surrounding fire.
	Ligation Buffer	Use an extinguishing agent suitable for the
		surrounding fire.
	Adaptor Oligo Mix	Use an extinguishing agent suitable for the surrounding fire.
	Forward Primer	Use an extinguishing agent suitable for the surrounding fire.
	100 mM dNTP Mix (25 mM	Use an extinguishing agent suitable for the
	each dNTP)	surrounding fire.
	Herculase II Fusion DNA	Use an extinguishing agent suitable for the
	Polymerase	surrounding fire.
	5X Herculase II Reaction	Use an extinguishing agent suitable for the
	Buffer	surrounding fire.
	SureSelect Binding Buffer	Use an extinguishing agent suitable for the
	-	surrounding fire.
	SureSelect Wash Buffer 1	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Wash Buffer 2	Use an extinguishing agent suitable for the
		surrounding fire.
	SureSelect XT HS and XT	Use an extinguishing agent suitable for the
	Low Input Blocker Mix	surrounding fire.
	SureSelect Fast	Use an extinguishing agent suitable for the
	Hybridization Buffer	surrounding fire.
	SureSelect RNase Block	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Post-Capture	Use an extinguishing agent suitable for the
	Primer Mix	surrounding fire.
	SureSelect XT HS Index	Use an extinguishing agent suitable for the
	Primer A01-H04	surrounding fire.
	SSel XT HS and XT Low	Use an extinguishing agent suitable for the
	Input Cancer All-In-One Lung, 96 Reactions	surrounding fire.
Unsuitable extinguishing	: End Repair-A Tailing	None known.
media	Enzyme Mix	
	End Repair-A Tailing Buffer	None known.
	T4 DNA Ligase	None known.
	Ligation Buffer	None known.
	Adaptor Oligo Mix	None known.
	Forward Primer	None known.
	100 mM dNTP Mix (25 mM each dNTP)	None known.
	Herculase II Fusion DNA	None known.
	Polymerase	
	5X Herculase II Reaction	None known.
	Buffer	
	SureSelect Binding Buffer	None known.
	SureSelect Wash Buffer 1	None known.
	SureSelect Wash Buffer 2	None known.
	SureSelect XT HS and XT	None known.

	Low Input Blocker Mix SureSelect Fast	None known.
	Hybridization Buffer	None known.
	SureSelect RNase Block SureSelect Post-Capture	None known.
	Primer Mix SureSelect XT HS Index Primer A01-H04	None known.
	SSel XT HS and XT Low Input Cancer All-In-One	None known.
	Lung, 96 Reactions	
Specific hazards arising	: End Repair-A Tailing	In a fire or if heated, a pressure increase will occur
from the chemical	Enzyme Mix	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	In a fire or if heated, a pressure increase will occur
	Buffer	and the container may burst.
	SureSelect Binding Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Wash Buffer 1	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Wash Buffer 2	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect XT HS and XT	In a fire or if heated, a pressure increase will occur
	Low Input Blocker Mix	and the container may burst.
	SureSelect Fast	In a fire or if heated, a pressure increase will occur
	Hybridization Buffer	and the container may burst.
	SureSelect RNase Block	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Post-Capture Primer Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect XT HS Index Primer A01-H04	In a fire or if heated, a pressure increase will occur and the container may burst.
	SSel XT HS and XT Low	In a fire or if heated, a pressure increase will occur
	Input Cancer All-In-One Lung, 96 Reactions	and the container may burst.
Hazardous thermal	: End Repair-A Tailing	Decomposition products may include the following
decomposition products	Enzyme Mix	materials: carbon dioxide
		carbon monoxide
	End Repair-A Tailing Buffer	Decomposition products may include the following materials:
		carbon dioxide carbon monoxide
		nitrogen oxides
		halogenated compounds
		metal oxide/oxides

iting measures	
T4 DNA Ligase	Decomposition products may include the following materials: carbon dioxide
Ligation Buffer	carbon monoxide Decomposition products may include the following materials: carbon dioxide
Adaptor Oligo Mix Forward Primer	carbon monoxide No specific data. No specific data.
100 mM dNTP Mix (25 mM each dNTP)	Decomposition products may include the following materials: carbon dioxide carbon monoxide
Herculase II Fusion DNA Polymerase	nitrogen oxides phosphorus oxides Decomposition products may include the following materials:
5X Herculase II Reaction	carbon dioxide carbon monoxide Decomposition products may include the following
Buffer	materials: carbon dioxide carbon monoxide nitrogen oxides sulfur oxides metal oxide/oxides
SureSelect Binding Buffer	Decomposition products may include the following materials: halogenated compounds metal oxide/oxides
SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix	No specific data. No specific data. No specific data.
SureSelect Fast Hybridization Buffer	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds metal oxide/oxides
SureSelect RNase Block	Decomposition products may include the following materials: carbon dioxide carbon monoxide
SureSelect Post-Capture Primer Mix SureSelect XT HS Index	No specific data. No specific data.
Primer A01-H04 SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Decomposition products may include the following materials:
	carbon dioxide carbon monoxide

Special protective actions for fire-fighters	: End Repair-A Tailing Enzyme Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without auitable training
	End Repair-A Tailing 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.
	T4 DNA Ligase	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or
	Ligation 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.
	Adaptor Oligo Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or
	Forward Primer	without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	100 mM dNTP Mix (25 mM each dNTP)	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.
	Herculase II Fusion DNA Polymerase	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	5X Herculase II Reaction Buffer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect Binding Buffer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect Wash Buffer 1	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect Wash Buffer 2	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT HS and XT Low Input Blocker Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect Fast Hybridization 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 RNase Block	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

	SureSelect Post-Capture Primer Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT HS Index Primer A01-H04	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SSel XT HS and XT Low	Promptly isolate the scene by removing all persons
	Input Cancer All-In-One Lung, 96 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 : equipment for fire-fighters	End Repair-A Tailing Enzyme Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	End Repair-A Tailing Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	T4 DNA Ligase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	Ligation Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	Adaptor Oligo Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	Forward Primer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	100 mM dNTP Mix (25 mM each dNTP)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	Herculase II Fusion DNA Polymerase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	5X Herculase II Reaction Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
	SureSelect Binding Buffer	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
	SureSelect Wash Buffer 1	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	SureSelect Wash Buffer 2	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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	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	Fire-fighters should wear appropriate protective
	Hybridization Buffer	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-H04	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### Section 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

Personal precautions,	protective equipment and emergency	<u>y procedures</u>
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 surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
	T4 DNA Ligase	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
	Ligation Buffer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
	Adaptor Oligo Mix	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding

	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilled material. Put on appropriate personal
	protective equipment.
Forward Primer	No action shall be taken involving any personal risk
	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilled material. Put on appropriate personal
	protective equipment.
100 mM dNTP Mix (25 mM	No action shall be taken involving any personal risk
each dNTP)	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.
Herculase II Fusion DNA	No action shall be taken involving any personal risk
Polymerase	or without suitable training. Evacuate surrounding
Folymerase	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	No action shall be taken involving any personal risk
Buffer	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilled material. Put on appropriate personal
	protective equipment.
SureSelect Binding Buffer	No action shall be taken involving any personal risk
	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilled material. Put on appropriate personal
	protective equipment.
SureSelect Wash Buffer 1	No action shall be taken involving any personal risk
	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilled material. Put on appropriate personal
	protective equipment.
SureSelect Wash Buffer 2	No action shall be taken involving any personal risk
	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilled material. Put on appropriate personal
	protective equipment.
SureSelect XT HS and XT	No action shall be taken involving any personal risk
Low Input Blocker Mix	or without suitable training. Evacuate surrounding
Low input blocker with	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilled material. Put on appropriate personal
	protective equipment.
SureSelect Fast	
	No action shall be taken involving any personal risk
Hybridization Buffer	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilled material. Put on appropriate personal
	protective equipment.

	SureSelect RNase Block	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk
	Primer Mix	or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
	SureSelect XT HS Index Primer A01-H04	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.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No action shall be taken involving any personal risk or without suitable training. 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 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	Ligation 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".
	Adaptor Oligo 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".
	Forward Primer	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".
	100 mM dNTP Mix (25 mM each dNTP)	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	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

	SureSelect Binding Buffer	suitable and unsuitable materials. See also the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect Wash Buffer 1	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
	SureSelect Wash Buffer 2	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
	SureSelect XT HS and XT Low Input Blocker Mix	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 the information in "For non-emergency personnel".
	SureSelect RNase Block	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureSelect Post-Capture Primer Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureSelect XT HS Index Primer A01-H04	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
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, waterways, soil or air).
	End Repair-A Tailing 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,
	T4 DNA Ligase	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,
	Ligation Buffer	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,
	Adaptor Oligo Mix	soil or air). Avoid dispersal of spilled material and runoff and
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Forward Primer	contact with soil, waterways, drains a Inform the relevant authorities if the caused environmental pollution (sew soil or air). Avoid dispersal of spilled material ar contact with soil, waterways, drains a Inform the relevant authorities if the	produ vers, w nd run and se produ	ct has vaterwa off and ewers. ct has	
100 mM dNTP Mix (25 mM each dNTP)	caused environmental pollution (sew soil or air). Avoid dispersal of spilled material ar contact with soil, waterways, drains a Inform the relevant authorities if the caused environmental pollution (sew	nd run and se produ	off and ewers. ct has	-
Herculase II Fusion DNA Polymerase	soil or air). Avoid dispersal of spilled material ar contact with soil, waterways, drains a Inform the relevant authorities if the caused environmental pollution (sew	and se produ	ewers. ct has	ys,
5X Herculase II Reaction Buffer	soil or air). Avoid dispersal of spilled material an contact with soil, waterways, drains a Inform the relevant authorities if the caused environmental pollution (sew	and se produ	ewers. ct has	VS
SureSelect Binding Buffer	soil or air). Avoid dispersal of spilled material ar contact with soil, waterways, drains a Inform the relevant authorities if the	nd run and se produ	off and ewers. ct has	
SureSelect Wash Buffer 1	caused environmental pollution (sew soil or air). Avoid dispersal of spilled material ar contact with soil, waterways, drains a Inform the relevant authorities if the	nd run and se produ	off and ewers. ct has	
SureSelect Wash Buffer 2	caused environmental pollution (sew soil or air). Avoid dispersal of spilled material ar contact with soil, waterways, drains a Inform the relevant authorities if the caused environmental pollution (sew	nd run and se produ	off and ewers. ct has	-
SureSelect XT HS and XT Low Input Blocker Mix	soil or air). Avoid dispersal of spilled material ar contact with soil, waterways, drains a Inform the relevant authorities if the caused environmental pollution (sew	and se produ	ewers. ct has	ys,
SureSelect Fast Hybridization Buffer	soil or air). Avoid dispersal of spilled material ar contact with soil, waterways, drains a Inform the relevant authorities if the caused environmental pollution (sew	and se produ	ewers. ct has	ys,
SureSelect RNase Block	soil or air). Avoid dispersal of spilled material ar contact with soil, waterways, drains a Inform the relevant authorities if the caused environmental pollution (sew	and se produ	ewers. ct has	Ve
SureSelect Post-Capture Primer Mix	soil or air). Avoid dispersal of spilled material ar contact with soil, waterways, drains a Inform the relevant authorities if the caused environmental pollution (sew soil or air).	nd run and se produ	off and ewers. ct has	-
SureSelect XT HS Index	Avoid dispersal of spilled material ar	าd run	off and	
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	Primer A01-H04 SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, 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).
Methods and materials for c	ontainment 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
	End Repair-A Tailing Buffer	inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste
	T4 DNA Ligase	disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble.
	Ligation Buffer	Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an
	Adaptor Oligo Mix	inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste
	Forward Primer	disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste
	100 mM dNTP Mix (25 mM each dNTP)	disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste
	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 disposal contractor.

5X Herculase II Reaction	Stop leak if without risk. Move containers from spill
Buffer	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect Binding Buffer	
SureSelect Binding Buffer	Stop leak if without risk. Move containers from spill
	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect Wash Buffer 1	Stop leak if without risk. Move containers from spill
	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
Sura Calact Weak Duffer 2	•
SureSelect Wash Buffer 2	Stop leak if without risk. Move containers from spill
	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect XT HS and XT	Stop leak if without risk. Move containers from spill
Low Input Blocker Mix	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect Fast	Stop leak if without risk. Move containers from spill
Hybridization Buffer	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect RNase Block	Stop leak if without risk. Move containers from spill
	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect Post-Capture	Stop leak if without risk. Move containers from spill
Primer Mix	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect XT HS Index	Stop leak if without risk. Move containers from spill
Primer A01-H04	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 and XT Low	Stop leak if without risk. Move containers from spill
Input Cancer All-In-One	area. Dilute with water and mop up if water-soluble.
Lung, 96 Reactions	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.

Precautions for safe handling		
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
	100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase	<ul> <li>(see Section 8).</li> <li>Put on appropriate personal protective equipment</li> <li>(see Section 8).</li> <li>Put on appropriate personal protective equipment</li> <li>(see Section 8). Do not ingest. Avoid contact with</li> <li>eyes, skin and clothing. Avoid breathing vapor or</li> <li>mist. Keep in the original container or an approved</li> </ul>
		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	Put on appropriate personal protective equipment
	Buffer	(see Section 8).
	SureSelect Binding Buffer	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Wash Buffer 1	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Wash Buffer 2	Put on appropriate personal protective equipment (see Section 8).
	SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer	Put on appropriate personal protective equipment (see Section 8). Put on appropriate personal protective equipment (see Section 8).
	SureSelect RNase Block	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers

		retain product residue and can be hazardous. Do not reuse container.
	SureSelect Post-Capture Primer Mix SureSelect XT HS Index Primer A01-H04	Put on appropriate personal protective equipment (see Section 8). Put on appropriate personal protective equipment (see Section 8).
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Put on appropriate personal protective equipment (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 for additional information on hygiene measures.
	T4 DNA Ligase	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	Ligation Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	Adaptor Oligo Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	Forward Primer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	100 mM dNTP Mix (25 mM each dNTP)	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.
	Herculase II Fusion DNA Polymerase	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and
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	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
5X Herculase II Reaction Buffer	additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for
SureSelect Binding Buffer	additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for
SureSelect Wash Buffer 1	additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect Wash Buffer 2	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect XT HS and XT Low Input Blocker Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect Fast Hybridization Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect RNase Block	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect Post-Capture Primer Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for

	<u> </u>	
	SureSelect XT HS Index Primer A01-H04 SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and 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.
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 incompatible materials before handling or use.
	End Repair-A Tailing Buffer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	T4 DNA Ligase	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	Ligation Buffer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

# Section 7. Handling and storage

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

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# Section 7. Handling and storage

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

## Section 7. Handling and storage

SureSelect Post-Capture Primer Mix	incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect XT HS Index Primer A01-H04	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
SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	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.

# Section 8. Exposure controls/personal protection

### **Control parameters**

**Occupational exposure limits** 

Ingredient name		Exposure limits
End Repair-A Tailing Enzyn	ne Mix	
Glycerol		<ul> <li>CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m<sup>3</sup> 8 hours. Form: Mist</li> <li>CA Quebec Provincial (Canada, 7/2019). TWAEV: 10 mg/m<sup>3</sup> 8 hours. Form: mist</li> <li>CA Saskatchewan Provincial (Canada, 7/2013).</li> <li>STEL: 20 mg/m<sup>3</sup> 15 minutes. Form: mist</li> <li>TWA: 10 mg/m<sup>3</sup> 8 hours. Form: mist</li> <li>CA British Columbia Provincial (Canada, 1/2021).</li> <li>TWA: 3 mg/m<sup>3</sup> 8 hours. Form: respirable mist</li> <li>TWA: 10 mg/m<sup>3</sup> 8 hours. Form: total mist</li> </ul>
T4 DNA Ligase		
Glycerol		CA Alberta Provincial (Canada, 6/2018).
Date of issue/Date of revision	: 04/19/2022 Date of previous issue	: 03/07/2022 Version : 3.1 39/7

### Section 8. Exposure controls/personal protection

NNNNNNN	
	8 hrs OEL: 10 mg/m <sup>3</sup> 8 hours. Form: Mist <b>CA Quebec Provincial (Canada, 7/2019).</b>
	TWAEV: 10 mg/m <sup>3</sup> 8 hours. Form: mist
	CA Saskatchewan Provincial (Canada,
	7/2013).
	STEL: 20 mg/m <sup>3</sup> 15 minutes. Form: mist
	TWA: 10 mg/m <sup>3</sup> 8 hours. Form: mist
	CA British Columbia Provincial (Canada,
	1/2021).
	TWA: 3 mg/m <sup>3</sup> 8 hours. Form: respirable
	mist
	TWA: 10 mg/m <sup>3</sup> 8 hours. Form: total mist
Ligation Buffer	
Polyethylene glycol	OARS WEEL (United States, 1/2021).
	TWA: 10 mg/m <sup>3</sup> 8 hours.
Glycerol	CA Alberta Provincial (Canada, 6/2018).
	8 hrs OEL: 10 mg/m <sup>3</sup> 8 hours. Form: Mist
	CA Quebec Provincial (Canada, 7/2019).
	TWAEV: 10 mg/m <sup>3</sup> 8 hours. Form: mist
	CA Saskatchewan Provincial (Canada,
	7/2013).
	STEL: 20 mg/m <sup>3</sup> 15 minutes. Form: mist
	TWA: 10 mg/m <sup>3</sup> 8 hours. Form: mist
	CA British Columbia Provincial (Canada, 1/2021).
	TWA: 3 mg/m <sup>3</sup> 8 hours. Form: respirable
	mist
	TWA: 10 mg/m <sup>3</sup> 8 hours. Form: total mist
Herculase II Fusion DNA Polymerase	
Glycerol	CA Alberta Provincial (Canada, 6/2018).
	8 hrs OEL: 10 mg/m <sup>3</sup> 8 hours. Form: Mist
	CA Quebec Provincial (Canada, 7/2019).
	TWAEV: 10 mg/m <sup>3</sup> 8 hours. Form: mist
	CA Saskatchewan Provincial (Canada,
	7/2013).
	STEL: 20 mg/m <sup>3</sup> 15 minutes. Form: mist
	TWA: 10 mg/m <sup>3</sup> 8 hours. Form: mist
	CA British Columbia Provincial (Canada,
	1/2021).
	TWA: 3 mg/m <sup>3</sup> 8 hours. Form: respirable
	mist
	TWA: 10 mg/m <sup>3</sup> 8 hours. Form: total mist
	TWA: 10 mg/m <sup>3</sup> 8 hours. Form: total mist
SuroSoloct PNaso Block	TWA: 10 mg/m <sup>3</sup> 8 hours. Form: total mist
SureSelect RNase Block	
SureSelect RNase Block Glycerol	CA Alberta Provincial (Canada, 6/2018).
	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m <sup>3</sup> 8 hours. Form: Mist
	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m <sup>3</sup> 8 hours. Form: Mist CA Quebec Provincial (Canada, 7/2019).
	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m <sup>3</sup> 8 hours. Form: Mist
	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m <sup>3</sup> 8 hours. Form: Mist CA Quebec Provincial (Canada, 7/2019). TWAEV: 10 mg/m <sup>3</sup> 8 hours. Form: mist
	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m <sup>3</sup> 8 hours. Form: Mist CA Quebec Provincial (Canada, 7/2019). TWAEV: 10 mg/m <sup>3</sup> 8 hours. Form: mist CA Saskatchewan Provincial (Canada, 7/2013). STEL: 20 mg/m <sup>3</sup> 15 minutes. Form: mist
	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m <sup>3</sup> 8 hours. Form: Mist CA Quebec Provincial (Canada, 7/2019). TWAEV: 10 mg/m <sup>3</sup> 8 hours. Form: mist CA Saskatchewan Provincial (Canada, 7/2013). STEL: 20 mg/m <sup>3</sup> 15 minutes. Form: mist TWA: 10 mg/m <sup>3</sup> 8 hours. Form: mist
	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m <sup>3</sup> 8 hours. Form: Mist CA Quebec Provincial (Canada, 7/2019). TWAEV: 10 mg/m <sup>3</sup> 8 hours. Form: mist CA Saskatchewan Provincial (Canada, 7/2013). STEL: 20 mg/m <sup>3</sup> 15 minutes. Form: mist TWA: 10 mg/m <sup>3</sup> 8 hours. Form: mist CA British Columbia Provincial (Canada,
	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m <sup>3</sup> 8 hours. Form: Mist CA Quebec Provincial (Canada, 7/2019). TWAEV: 10 mg/m <sup>3</sup> 8 hours. Form: mist CA Saskatchewan Provincial (Canada, 7/2013). STEL: 20 mg/m <sup>3</sup> 15 minutes. Form: mist TWA: 10 mg/m <sup>3</sup> 8 hours. Form: mist CA British Columbia Provincial (Canada, 1/2021).
	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m <sup>3</sup> 8 hours. Form: Mist CA Quebec Provincial (Canada, 7/2019). TWAEV: 10 mg/m <sup>3</sup> 8 hours. Form: mist CA Saskatchewan Provincial (Canada, 7/2013). STEL: 20 mg/m <sup>3</sup> 15 minutes. Form: mist TWA: 10 mg/m <sup>3</sup> 8 hours. Form: mist CA British Columbia Provincial (Canada, 1/2021). TWA: 3 mg/m <sup>3</sup> 8 hours. Form: respirable
	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m <sup>3</sup> 8 hours. Form: Mist CA Quebec Provincial (Canada, 7/2019). TWAEV: 10 mg/m <sup>3</sup> 8 hours. Form: mist CA Saskatchewan Provincial (Canada, 7/2013). STEL: 20 mg/m <sup>3</sup> 15 minutes. Form: mist TWA: 10 mg/m <sup>3</sup> 8 hours. Form: mist CA British Columbia Provincial (Canada, 1/2021).

## Section 8. Exposure controls/personal protection

	TWA: 10 mg/m <sup>3</sup> 8 hours. Form: total mist
SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	
Glycerol	<ul> <li>CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m<sup>3</sup> 8 hours. Form: Mist</li> <li>CA Quebec Provincial (Canada, 7/2019). TWAEV: 10 mg/m<sup>3</sup> 8 hours. Form: mist</li> <li>CA Saskatchewan Provincial (Canada, 7/2013).</li> <li>STEL: 20 mg/m<sup>3</sup> 15 minutes. Form: mist</li> <li>TWA: 10 mg/m<sup>3</sup> 8 hours. Form: mist</li> <li>CA British Columbia Provincial (Canada, 1/2021).</li> <li>TWA: 3 mg/m<sup>3</sup> 8 hours. Form: respirable mist</li> <li>TWA: 10 mg/m<sup>3</sup> 8 hours. Form: total mist</li> </ul>

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 measur	es	
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.

Date of issue/Date of revision

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

<u>Appearance</u>		
Physical state :	End Repair-A Tailing	Liquid.
	Enzyme Mix End Repair-A Tailing Buffer	Liquid.
	T4 DNA Ligase	Liquid.
	Ligation Buffer	Liquid.
	Adaptor Oligo Mix	Liquid.
	Forward Primer	Liquid.
	100 mM dNTP Mix (25 mM	Liquid.
	each dNTP)	<u>Liquid:</u>
	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	Liquid.
	Primer Mix	,
	SureSelect XT HS Index Primer A01-H04	Liquid.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Liquid.
Color :	End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing Buffer	Not available.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase II Fusion DNA	Not available.
	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 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-H04	Not available.
	SSel XT HS and XT Low	Not available.

	Input Cancer All-In-One Lung, 96 Reactions	
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 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-H04	Not available.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 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 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-H04	Not available.
	SSel XT HS and XT Low Input Cancer All-In-One	Not available.
	Lung, 96 Reactions	

рН	:	End Repair-A Tailing	6.5
		Enzyme Mix	
		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 dNTP)	7.5
		Herculase II Fusion DNA	8.2
		Polymerase	0.5 to 10.5
		5X Herculase II Reaction Buffer	9.5 to 10.5
		SureSelect Binding Buffer	7.5
		SureSelect Wash Buffer 1	7.5
		SureSelect Wash Buffer 2	7
		SureSelect XT HS and XT	7.5
		Low Input Blocker Mix	
		SureSelect Fast	Not available.
		Hybridization Buffer	7.0
		SureSelect RNase Block	7.6
		SureSelect Post-Capture Primer Mix	7.5
		SureSelect XT HS Index Primer A01-H04	7.5
		SSel XT HS and XT Low	Not available.
		Input Cancer All-In-One	
		Lung, 96 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 dNTP)	Not available.
		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	0°C (32°F)
		Low Input Blocker Mix	
		SureSelect Fast	Not available.
		Hybridization Buffer	
		SureSelect RNase Block	Not available.
		SureSelect Post-Capture Primer Mix	0°C (32°F)
		SureSelect XT HS Index	0°C (32°F)
		Primer A01-H04	0 0 (02 1 )
		SSel XT HS and XT Low	0°C (32°F)
		Input Cancer All-In-One	· · ·
		Lung, 96 Reactions	

Boiling point, initial boiling point, and boiling range	: End Repair-A Tailing Enzyme Mix	Not available.
·····	End Repair-A Tailing Buffer	100°C (212°F)
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	100°C (212°F)
	Forward Primer	100°C (212°F)
	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	100°C (212°F)
	SureSelect Wash Buffer 2	100°C (212°F)
	SureSelect XT HS and XT Low Input Blocker Mix	100°C (212°F)
	SureSelect Fast Hybridization Buffer	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Post-Capture Primer Mix	100°C (212°F)
	SureSelect XT HS Index Primer A01-H04	100°C (212°F)
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	100°C (212°F)

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### Flash point

Lung, 96 Reactions	1			1			
		Closed	cup		Open cup		
Ingredient name	°C	°F	Method	°C	°F	Method	
End Repair-A Tailing Enzyme Mix							
(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230					
Glycerol				177	350.6		
End Repair-A Tailing Buffer							
(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230					
T4 DNA Ligase							
(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230					
Glycerol				177	350.6		
Ligation Buffer							
(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230					
Polyethylene glycol	171 to 235	339.8 to 455		199 to 238	390.2 to 460.4		
: 04/19/2022 Date of p	previous is:	sue	:03/07/2022		Version	: 3.1 45/7	

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Adaptor Oligo Mix						
Edetic acid	>100	>212	DIN 51758			
Forward Primer						
Edetic acid	>100	>212	DIN 51758			
100 mM dNTP Mix (25 mM each dNTP)						
Edetic acid	>100	>212	DIN 51758			
Herculase II Fusion DNA Polymerase						
Edetic acid	>100	>212	DIN 51758			
(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230				
SureSelect Binding Buffer						
Edetic acid	>100	>212	DIN 51758			
SureSelect Wash Buffer 1						
Citric acid, trisodium salt, dihydrate	>100	>212				
SureSelect Wash Buffer 2						
Citric acid, trisodium salt, dihydrate	>100	>212				
SureSelect XT HS and XT Low Input Blocker Mix						
Edetic acid	>100	>212	DIN 51758			
SureSelect RNase Block						
(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230				
Glycerol				177	350.6	
SureSelect Post- Capture Primer Mix						
Edetic acid	>100	>212	DIN 51758			
SureSelect XT HS Index Primer A01-H04						
Edetic acid	>100	>212	DIN 51758			

Flammability       End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer       Not available. Not available. Not available. Not available. Not available.         Adaptor Oligo Mix       Not available. Not available. Not available.       Not available.         100 mM MTP Mix (25 mM each dNTP)       Not available.       Not available.         Herculase II Fusion DNA Polymerase       Not available.       Not available.         SureSelect Binding Buffer       Not available.       Not available.         SureSelect Wash Buffer 1       Not available.       Not available.         SureSelect Wash Buffer 1       Not available.       Not available.         SureSelect TA H5 and XT       Not available.       Not available.         SureSelect TRNase Block       Not available.       Not available.         SureSelect TRNase Block       Not available.       Not available.         SureSelect TRNase Block       Not available.       Not available.         SureSelect RNase Block       Not available.       Not available.         Primer Mix       Not available.       Not available.         SureSelect RNase Block       Not available.       Not available.         Primer Mix       Not available.       Not available.         SureSelect RNase Block       Not available.       Not available.         Primer Mix	characteristics			
In One Lung, 96 Reactions       >100       >212       DN 51758         Edetic acid       >100       >2230       DN 51758         Evaporation rate       End Repair-A Tailing Buffer T4 DNA Ligase       Not available.         End Repair-A Tailing Buffer T4 DNA Ligase       Not available.         Forward Primer       Not available.         100 mM dNTP Mix (25 mM each dNTP)       Not available.         Buffer       Not available.         SX Herculase II Fusion DNA Polymerase       Not available.         SX Herculase II Fusion DNA Polymerase       Not available.         SureSelect Binding Buffer SureSelect Wash Buffer 2       Not available.         SureSelect Fast       Not available.         SureSelect Fast       Not available.         SureSelect Fast       Not available.         SureSelect Fast       Not available.         SureSelect AT HS and XT Low Input Cancer All-In-Ore Lung, 96 Reactions       Not available.         Primer Mix       Not available.         SureSelect XT HS and XT Low Input Cancer All-In-Ore Lung, 96 Reactions       Not applicable.         Primer Mix       Not applicable.         Buffer       Not applicable.         SureSelect XT HS and XT Low Input Cancer All-In-Ore       Not applicable.         Primer Mix       Not applicab				
Flammability       Reactions       >100       >212       DIN 51758         Evaporation rate       End Repair-A Tailing       Not available.         Evaporation rate       End Repair-A Tailing Buffer       Not available.         End Repair-A Tailing Buffer       Not available.       Not available.         Figure Repair-A Tailing Buffer       Not available.       Not available.         Forward Primer       Not available.       Not available.         100 mM dNTP Mix (25 mM       Not available.       Not available.         100 mM dNTP Mix (25 mM       Not available.       Not available.         SureSelect Mash Buffer 1       Not available.       Not available.         SureSelect Mash Buffer 1       Not available.       Not available.         SureSelect Fast       Not available.       Not available.         Hydroidzation Buffer       Not available.       Not available.         SureSelect AT HS and XT       Not available.       Not available.         SureSelect AT HS and XT Low       Not available.       Not available.         SureSelect AT HS and XT Low       Not available.       Not available.         SureSelect AT HS and XT Low       Not available.       Not available.         SureSelect AT HS and XT Low       Not available.       Not applicable. </th <th></th> <th>-</th> <th></th> <th></th>		-		
Flammability       >110       >230         Flammability       End Repair-A Tailing Buffer Not available.       Not available.         For Ampair-A Tailing Buffer Adaptor Oligo Mix       Not available.       Not available.         For Adaptor Oligo Mix       Not available.       Not available.         For Adaptor Oligo Mix       Not available.       Not available.         Forward Primer       Not available.       Not available.         Forward Primer       Not available.       Not available.         Forward Primer       Not available.       Not available.         SureSelect IF Sain DNA       Not available.       Not available.         SureSelect Wash Buffer       Not available.       Not available.         SureSelect TAT HS and XT       Not available.       Not available.         SureSelect RNase Block       Not available.       Not available.         SureSelect Rist       Not avai				
Evaporation rate       : End Repair-A Tailing Enzyme Mix       Not available.         Enzyme Mix       Not available.         T 4 DNA Ligase       Not available.         Ligation Buiffer T 4 DNA Ligase       Not available.         Forward Pinon       Not available.         Forward Pinon       Not available.         Forward Pinon       Not available.         Forward Pinon       Not available.         100 mM dNTP       Not available.         Herculase II Fusion DNA       Not available.         Polymerase       Not available.         SX Herculase II Reaction       Not available.         SureSelect Wash Buffer       Not available.         SureSelect Mash Buffer       Not available.         SureSelect TA HS and XT       Not available.         SureSelect TA HS and XT Not available.       SureSelect Fost-Capture         SureSelect TA HS and XL Low       Not available.         SureSelect TA HS and XL Low       Not available.         Primer A01-H04       Sel XT HS and XL Low         Sel XT HS and XL Low       Not available.         Primer Mix       End Repair-A Tailing       Not available.         Sel XT HS and XL Low       Not available.       Not available.         Primer Mix       Not applicable.		Edetic acid >100	>212 DIN 51758	
Evaporation rate       2.3-dioi         Evaporation rate       End Repair-A Tailing Buffer       Not available.         End Repair-A Tailing Buffer       Not available.         Adaptor Oilgo Mix       Not available.         Adaptor Oilgo Mix       Not available.         Forward Primer       Not available.         100 mM dNTP Mix (25 mM       Not available.         each dNTP)       Herculase II Fusion DNA         Peloymerase       SX Herculase II Reaction         Buffer       Not available.         SureSelect Wash Buffer 1       Not available.         SureSelect Xash Buffer 2       Not available.         SureSelect Rase Block       Not available.         SureSelect XT HS and XT       Not available.         SureSelect RNase Block       Not available.         SureSelect RNase Block       Not available.         SureSelect RNase Block       Not available.         Primer Mix       SureSelect RNase Block         SureSelect RNase Block       Not available.         Lung, 96 Reactions       Not available.         Primer Mix       Not applicable.         SureSelect RNase Block       Not applicable.         Lung, 96 Reactions       Not applicable.         Lung, 96 Reactions       Not a			>230	
Flammability       End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer       Not available. Not available. Not available. Not available. Not available.         100 mM dNTP Mix (25 mM each dNTP)       Not available. 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 CRusse Block SureSelect Rase Block       Not available.         SureSelect Rase Block SureSelect Rase Block       Not available.         SureSelect Rase Block SureSelect Rase Block SureSelect Rase Block       Not available.         SureSelect Rase Block       Not available.         SureSelect Rase Block       Not available.         SureSelect Rase Block       Not applicable.         Hord Rapair-A Tailing Enzyme Mix       Not applicable.		2,3-diol		
Fard RNA Ligase       Not available.         Tar DNA Ligase       Not available.         Ligation Buffer       Not available.         Adaptor Oligo Mix       Not available.         Forward Primer       Not available.         100 mM dNTP Mix (25 mM       Not available.         Herculase II Fusion DNA       Not available.         Polymerase       SX Herculase II Reaction         Buffer       Not available.         SureSelect Wash Buffer 1       Not available.         SureSelect THS and XT       Not available.         SureSelect TAst       Not available.         SureSelect Post-Capture       Not available.         SureSelect Post-Capture       Not available.         Primer Mix       SureSelect Post-Capture       Not available.         Primer A01-H04       SSel XT HS and XT Low       Not available.         Primer A01-H04       SSel XT HS and XT Low       Not available.         Primer A01-H04       SSel XT HS and XT Low       Not applicable.         Ligation Buffer       Not	Evaporation rate		Not available.	
Fiammability       Ta DNA Ligase       Not available.         Ligation Buffer       Not available.         Adaptor Oligo Mix       Not available.         Not available.       Not available.         Forward Primer       Not available.         each dNTP)       Herculase II Fusion DNA       Not available.         Polymerase       Not available.         SureSelect Binding Buffer       Not available.         SureSelect Wash Buffer 1       Not available.         SureSelect Wash Buffer 2       Not available.         SureSelect Wash Buffer 2       Not available.         SureSelect TAT HS and XT       Not available.         SureSelect TAS HS Index       Not available.         SureSelect TA HS Index       Not available.         Primer Mix       End Repair-A Tailing       Not available.         Primer Mix       End Repair-A Tailing Buffer       Not available.         Primer Mix       End Repair-A Tailing Buffer       Not applicable.         End Repair-A Tailing Buffer       Not applicable.       Not applicable.         Ligation Buffer       Not appli		,	Not available.	
Adaptor Oligo Mix       Not available.         Forward Primer       Not available.         100 mM dNTP Mix (25 mM       Not available.         each dNTP)       Herculase II Fusion DNA         Polymerase       Not available.         SX.HECRULase II Reaction       Not available.         Buffer       Not available.         SureSelect Binding Buffer       Not available.         SureSelect Wash Buffer 1       Not available.         SureSelect Wash Buffer 2       Not available.         SureSelect Wash Buffer 3       Not available.         SureSelect TAT HS and XT       Not available.         SureSelect TAT HS and XT       Not available.         SureSelect Post-Capture       Not available.         SureSelect TP St-Capture       Not available.         Primer Mix       Sele St TH S and XT Low       Not available.         Primer A01-H04       Sele Tast       Not applicable.         End Repair-A Tailing Buffer       Not applicable.       Not applicable.         Icaytor Mix       End Repair-A Tailing Buffer       Not applicable.         Forward Primer       Not applicable.       Not applicable.         Icaytor Mix (25 mM       Not applicable.       Not applicable.         Icaytor Mix TPMix (25 mM       Not app				
Forward Primer       Not available.         100 mM dNTP Mix (25 mM       Not available.         each dNTP)       Herculase II Fusion DNA         Herculase II Fusion DNA       Not available.         SX Herculase II Reaction       Not available.         Buffer       Not available.         SureSelect Binding Buffer       Not available.         SureSelect Wash Buffer 2       Not available.         SureSelect Wash Buffer 2       Not available.         SureSelect Rast       Not available.         Hybridization Buffer       Not available.         SureSelect RNase Block       Not available.         Primer MA1-HO4       Ssel XT HS and XT Low         Sel XT HS and XT Low       Not available.         Lung, 96 Reactions       Not applicable.         End Repair-A Tailing Buffer       Not applicable.         Adaptor Oligo Mix       Not applicable.         Adaptor Oligo Mix       Not applicable.         100 mM dNTP Mix (25 mM       Not applic			Not available.	
100 mM dNTP Mix (25 mM each dNTP)       Not available.         each dNTP)       Herculase II Fusion DNA Polymerase       Not available.         SX Herculase II Reaction Buffer       Not available.       Not available.         SureSelect Wash Buffer 1       Not available.       Not available.         SureSelect Wash Buffer 2       Not available.       Not available.         SureSelect Wash Buffer 2       Not available.       Not available.         SureSelect Rast       Not available.       Not available.         SureSelect RNase Block       Not available.       Not available.         SureSelect Post-Capture       Not available.       Not available.         Primer Mix       SureSelect TS IN Capture       Not available.         SureSelect XT HS Index       Not available.       Not applicable.         Primer A01-H04       SSel XT HS and XT Low       Not applicable.         SureSelect XT HS Index       Not applicable.       Not applicable.         Ligation Buffer       Not applicable.       Not applicable.         100 rd M dNTP Mix (25 mM each dNTP)       Not applicable.       Not applicable.         100 rd M dNTP Mix (25 mM each dNTP)       Not applicable.       Not applicable.         100 rd M dNTP Mix (25 mM each dNTP)       Not applicable.       Not applicable. <t< th=""><th></th><th></th><th>Not available.</th><th></th></t<>			Not available.	
Flammability       each dNTP)         Herculase II Fusion DNA Polymerase       Not available.         5X Herculase II Reaction Buffer       Not available.         SureSelect Binding Buffer       Not available.         SureSelect Wash Buffer 1       Not available.         SureSelect Wash Buffer 2       Not available.         SureSelect Wash Buffer 1       Not available.         SureSelect TRAS Buffer 1       Not available.         SureSelect Rase Block       Not available.         SureSelect RNase Block       Not available.         SureSelect RNase Block       Not available.         SureSelect RNase Block       Not available.         SureSelect TRASe Block       Not available.         SureSelect RNase Block       Not available.         SureSelect TRASe Mark       Not available.         Primer M01-H04       SSel XT HS and XT Low       Not available.         SureSelect AT AT alling Buffer       Not applicable.       Not applicable.         End Repair-A Tailing Buffer       Not applicable.       Not applicable.         Forward Primer       Not applicable.       Not applicable.         Adaptor Oligo Mix       Not applicable.       Not applicable.         100 mM dNTP Mix (25 mM       Not applicable.       SureSelect TRASe Mark </th <th></th> <th>Forward Primer</th> <th></th> <th></th>		Forward Primer		
Herculase II Fusion DNA Polymerase       Not available.         SX Herculase II Reaction Buffer       Not available.         SureSelect Wash Buffer 1       Not available.         SureSelect Wash Buffer 2       Not available.         SureSelect Wash Buffer 2       Not available.         SureSelect THS and XT       Not available.         SureSelect Rase Block       Not available.         SureSelect Rase Block       Not available.         SureSelect TAS       Not available.         SureSelect TA IS Index       Not available.         SureSelect TA IS Index       Not available.         SureSelect TA IS Index       Not available.         Frimer A01-H04       Ssel XT HS and XT Low       Not available.         Input Cancer All-In-One       Lung, 96 Reactions       Not applicable.         End Repair-A Tailing Buffer       Not applicable.       Not applicable.         Igation Buffer       Not applicable.       Not applicable.         Igation Buffer       Not applicable.       Not applicable.         Igation Buffer       Not applicable.		•	Not available.	
SX       Herculase II Reaction Buffer       Not available.         SureSelect Wash Buffer 1       Not available.         SureSelect Wash Buffer 2       Not available.         SureSelect Wash Buffer 2       Not available.         SureSelect XT HS and XT       Not available.         SureSelect XT HS and XT       Not available.         SureSelect Post-Capture       Not available.         Hybridization Buffer       Not available.         SureSelect Post-Capture       Not available.         Primer Mix       SureSelect THS Index         SureSelect THS and XT Low       Not available.         Primer A01-H04       SSel XT HS and XT Low         SSel XT HS and XT Low       Not available.         Input Cancer All-In-One Lung, 96 Reactions       Not applicable.         End Repair-A Tailing Buffer T4 DNA Ligase       Not applicable.         Ligation Buffer       Not applicable.         Idigion Buffer       Not applicable.         100 mM dNTP Mix (25 mM       Not applicable.         Polymerase       SX Herculase II Fusion DNA         Polymerase       Not applicable.         SureSelect Wash Buffer 1       Not applicable.         Buffer       Not applicable.         SureSelect XI HS IndX       Not applicable.		Herculase II Fusion DNA	Not available.	
SureSelect Binding Buffer       Not available.         SureSelect Wash Buffer 1       Not available.         SureSelect XT HS and XT       Not available.         Low Input Blocker Mix       Not available.         SureSelect Fast       Not available.         HybridIzation Buffer       SureSelect Fast       Not available.         SureSelect Post-Capture       Not available.         Primer Mix       SureSelect TT HS and XT       Not available.         SureSelect XT HS Index       Not available.         Primer A01-H04       SSel XT HS and XT Low       Not available.         SureSelect XT HS Index       Not available.         Primer A01-H04       SSel XT HS and XT Low       Not available.         Input Cancer All-In-One       Lung, 96 Reactions       Not applicable.         End Repair-A Tailing Buffer       Not applicable.       Not applicable.         T4 DNA Ligase       Not applicable.       Not applicable.         Forward Primer       Not applicable.       Not applicable.         100 Md MTP Mix (25 MM       each dNTP)       Not applicable.         Herculase II Fusion DNA       Not applicable.       Not applicable.         SureSelect XT HS and XT       Not applicable.       Not applicable.         SureSelect Xm Sh Buffer 1		5X Herculase II Reaction	Not available.	
SureSelect Wash Buffer 1       Not available.         SureSelect XT HS and XT       Not available.         Low Input Blocker Mix       SureSelect THS and XT         SureSelect TAT HS and XT       Not available.         Hybridization Buffer       Not available.         SureSelect Rast       Not available.         Hybridization Buffer       Not available.         SureSelect Post-Capture       Not available.         Primer Mix       Not available.         SureSelect XT HS Index       Not available.         Primer A01-H04       SSel XT HS and XT Low         SSel XT HS and XT Low       Not available.         Input Cancer All-In-One       Lung, 96 Reactions         End Repair-A Tailing Buffer       Not applicable.         Ligation Buffer       Not applicable.         Adaptor Oligo Mix       Not applicable.         Adaptor Oligo Mix       Not applicable.         100 mM dNTP Mix (25 mM       Not applicable.         SureSelect Binding Buffer       Not applicable.         SureSelect Binding Buffer       Not applicable.         100 mM dNTP       Not applicable.         SureSelect Binding Buffer       Not applicable.         SureSelect Binding Buffer       Not applicable.         SureSelect Wash Buffer			Not available	
SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix       Not available.         Wot available.       Not available.         Hybridization Buffer SureSelect RNase Block       Not available.         SureSelect RNase Block       Not available.         SureSelect XT HS Index       Not available.         Primer Mix       SureSelect XT HS Index         SureSelect XT HS Index       Not available.         Primer A01-H04       Sel XT HS and XT Low         Input Cancer All-In-One Lung, 96 Reactions       Not applicable.         End Repair-A Tailing Buffer T4 DNA Ligase       Not applicable.         Igation Buffer       Not applicable.         100 mM dNTP Mix (25 mM each dNTP)       Not applicable.         Polymerase       SureSelect Binding Buffer       Not applicable.         SureSelect Wash Buffer 1       Not applicable.         Not applicable.       Not applicable.         Youre Wash Buffer 1       Not applicable.         Herculase II Fusion DNA       Not applicable.         SureSelect Wash Buffer 1       Not applicable.         SureSelect Wash Buffer 1       Not applicable.         SureSelect Wash Buffer 1       Not applicable.         SureSelect Rish Gurter 1       Not applicable.         SureSelect Rease 1       Not applicable		-		
SureSelect XT HS and XT Low Input Blocker Mix       Not available.         SureSelect Fast       Not available.         Hybridization Buffer       Not available.         SureSelect Rost-Capture       Not available.         Primer Mix       Not available.         SureSelect XI HS Index       Not available.         Primer Mix       SureSelect XI HS Index         SureSelect XI HS and XT Low       Not available.         Primer A01-H04       SSel XT HS and XT Low         SSel XT HS and XT Low       Not available.         Input Cancer All-In-One       Lung. 96 Reactions         End Repair-A Tailing Buffer       Not applicable.         T4 DNA Ligase       Not applicable.         Adaptor Oligo Mix       Not applicable.         Adaptor Oligo Mix       Not applicable.         100 mM dNTP Mix (25 mM       Not applicable.         Polymerase       SX Herculase II Reaction         StreSelect Wash Buffer       Not applicable.         SureSelect Wash Buffer       Not applicable.         SureSelect Wash Buffer 1       Not applicable.         SureSelect Tast       Not applicable.         SureSelect Fast       Not applicable.         SureSelect Rise Block       Not applicable.         SureSelect Tast				
SureSelect Fast Hybridization Buffer     Not available.       SureSelect RNase Block     Not available.       SureSelect RNase Block     Not available.       SureSelect Post-Capture     Not available.       Primer Mix     SureSelect XT HS Index     Not available.       SureSelect XT HS Index     Not available.       Primer A01-H04     SSel XT HS and XT Low     Not available.       Input Cancer All-In-One     Lung, 96 Reactions     Not applicable.       End Repair-A Tailing Buffer     Not applicable.     Not applicable.       T4 DNA Ligase     Not applicable.     Not applicable.       Ligation Buffer     Not applicable.     Not applicable.       Forward Primer     Not applicable.     Not applicable.       100 mM dNTP Mix (25 mM     Not applicable.     Not applicable.       Polymerase     5X Herculase II Fusion DNA     Not applicable.       SureSelect Binding Buffer     Not applicable.       SureSelect Binding Buffer     Not applicable.       SureSelect Wash Buffer 1     Not applicable.       SureSelect Wash Buffer 1     Not applicable.       SureSelect Wash Buffer 1     Not applicable.       SureSelect KT HS and XT     Not applicable.       SureSelect Fast     Not applicable.       SureSelect Fast     Not applicable.       SureSelect Fast				
Hybridization Buffer       Sure Select RNase Block       Not available.         Sure Select Post-Capture       Not available.         Primer Mix       Sure Select XT HS Index       Not available.         Primer A01-H04       Ssel XT HS and XT Low       Not available.         Ssel XT HS and XT Low       Not available.         Input Cancer All-In-One       Lung, 96 Reactions         Flammability       : End Repair-A Tailing       Not applicable.         Enzyme Mix       End Repair-A Tailing Buffer       Not applicable.         Ligation Buffer       Not applicable.       Not applicable.         Ligation Buffer       Not applicable.       Not applicable.         100 mM dNTP Mix (25 mM       Not applicable.       Not applicable.         100 mM dNTP Mix (25 mM       Not applicable.       Not applicable.         Polymerase       5X Herculase II Reaction       Not applicable.         SureSelect Wash Buffer 1       Not applicable.       SureSelect Wash Buffer 1         SureSelect XT HS and XT       Not applicable.       SureSelect XT HS and XT         Not applicable.       SureSelect XT HS and XT       Not applicable.         SureSelect XT HS and XT       Not applicable.       SureSelect XT HS and XT         Not applicable.       SureSelect Fast       Not applicabl		Low Input Blocker Mix		
SureSelect RNase Block       Not available.         SureSelect Post-Capture       Not available.         Primer Mix       SureSelect XT HS Index         SureSelect XT HS and XT Low       Not available.         Input Cancer All-In-One       Lung, 96 Reactions         End Repair-A Tailing       Not applicable.         End Repair-A Tailing Endrem       Not applicable.         Ligation Buffer       Not applicable.         Year Oligo Mix       Not		SureSelect Fast	Not available.	
SureSelect Post-Capture Primer Mix       Not available.         Primer Mix       Not available.         SureSelect XT HS Index       Not available.         Primer A01-H04       SSel XT HS and XT Low       Not available.         Input Cancer All-In-One Lung, 96 Reactions       Not applicable.         Enzyme Mix       End Repair-A Tailing Buffer       Not applicable.         T4 DNA Ligase       Not applicable.       Not applicable.         Ligation Buffer       Not applicable.       Not applicable.         Adaptor Oligo Mix       Not applicable.       Not applicable.         100 mM dNTP Mix (25 mM       Not applicable.       Not applicable.         100 mM dNTP Mix (25 mM       Not applicable.       Not applicable.         Polymerase       SX Herculase II Reaction       Not applicable.         SureSelect Binding Buffer       Not applicable.       Not applicable.         SureSelect Wash Buffer 1       Not applicable.       SureSelect Wash Buffer 2         SureSelect THS and XT       Not applicable.       Not applicable.         SureSelect THS and XT       Not applicable.       Not applicable.         SureSelect Fast       Not applicable.       Not applicable.         SureSelect Fast       Not applicable.       Not applicable.         SureSelec				
Primer Mix       SureSelect XT HS Index       Not available.         Primer A01-H04       Stel XT HS and XT Low       Not available.         Input Cancer All-In-One       Lung, 96 Reactions       Not available.         End Repair-A Tailing       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       Not applicable.         Polymerase       StreSelect Binding Buffer         SureSelect Binding Buffer       Not applicable.         SureSelect Wash Buffer 1       Not applicable.         SureSelect Wash Buffer 2       Not applicable.         SureSelect THS and XT       Not applicable.         SureSelect THS and XT       Not applicable.         SureSelect Tast       Not applicable.         SureSelect Fast       Not applicable.         SureSelect RNase Block       Not applicable.				
Primer A01-H04         SSel XT HS and XT Low       Not available.         Input Cancer All-In-One         Lung, 96 Reactions         Flammability       : End Repair-A Tailing       Not applicable.         Enzyme Mix       End Repair-A Tailing Buffer       Not applicable.         Ligation Buffer       Not applicable.       Not applicable.         Ligation Buffer       Not applicable.       Not applicable.         Adaptor Oligo Mix       Not applicable.       Not applicable.         Forward Primer       Not applicable.       Not applicable.         100 mM dNTP Mix (25 mM       Not applicable.       Not applicable.         Polymerase       SX       Herculase II Fusion DNA       Not applicable.         Polymerase       SX       Not applicable.       Not applicable.         SureSelect Binding Buffer       Not applicable.       SureSelect Wash Buffer 1       Not applicable.         SureSelect Wash Buffer 1       Not applicable.       SureSelect Mash Buffer 2       Not applicable.         SureSelect T HS and XT       Not applicable.       Low Input Blocker Mix       SureSelect Rix         SureSelect Rast       Not applicable.       Not applicable.       Not applicable.         SureSelect RNase Block       Not applicable.       Not applicable. <th></th> <th>•</th> <th>Not available.</th> <th></th>		•	Not available.	
SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 ReactionsNot available.Flammability: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA LigaseNot applicable. Not applicable. Not applicable. Not applicable. Not applicable. Higation BufferNot applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Forward PrimerNot applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. SureSelect Binding BufferNot applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. SureSelect Wash Buffer SureSelect THS and XT Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. SureSelect THS and XT Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. SureSelect RNase BlockNot applicable. Not applicable.			Not available.	
Flammability       End Repair-A Tailing Enzyme Mix       Not applicable.         End Repair-A Tailing Buffer T4 DNA Ligase       Not applicable.         Ligation Buffer       Not applicable.         Ligation Buffer       Not applicable.         Adaptor Oligo Mix       Not applicable.         100 mM dNTP Mix (25 mM       Not applicable.         each dNTP)       Herculase II Fusion DNA       Not applicable.         Polymerase       5X Herculase II Reaction       Not applicable.         SureSelect Binding Buffer       Not applicable.         SureSelect Wash Buffer 1       Not applicable.         SureSelect XT HS and XT       Not applicable.         SureSelect Fast       Not applicable.         Hybridization Buffer       Not applicable.         SureSelect RNase Block       Not applicable.			Not available.	
Flammability       : End Repair-A Tailing Enzyme Mix       Not applicable.         End Repair-A Tailing Buffer T4 DNA Ligase       Not applicable.         Ligation Buffer       Not applicable.         Adaptor Oligo Mix       Not applicable.         Adaptor Oligo Mix       Not applicable.         Forward Primer       Not applicable.         100 mM dNTP Mix (25 mM       Not applicable.         each dNTP)       Herculase II Fusion DNA       Not applicable.         Polymerase       StreSelect Binding Buffer       Not applicable.         SureSelect Wash Buffer 1       Not applicable.         SureSelect Wash Buffer 2       Not applicable.         SureSelect THS and XT       Not applicable.         Low Input Blocker Mix       SureSelect Rix         SureSelect Rase Block       Not applicable.		Input Cancer All-In-One		
Enzyme MixEnd Repair-A Tailing BufferNot applicable.T4 DNA LigaseNot applicable.Ligation BufferNot applicable.Adaptor Oligo MixNot applicable.Forward PrimerNot applicable.100 mM dNTP Mix (25 mMNot applicable.each dNTP)Herculase II Fusion DNAHerculase II Fusion DNANot applicable.SureSelect Binding BufferNot applicable.SureSelect Wash Buffer 1Not applicable.SureSelect XT HS and XTNot applicable.Low Input Blocker MixSureSelect FastSureSelect FastNot applicable.Hybridization BufferSureSelect RNase BlockKureSelect RNase BlockNot applicable.		Lung, 96 Reactions		
End Repair-A Tailing BufferNot applicable.T4 DNA LigaseNot applicable.Ligation BufferNot applicable.Adaptor Oligo MixNot applicable.Adaptor Oligo MixNot applicable.Forward PrimerNot applicable.100 mM dNTP Mix (25 mMNot applicable.each dNTP)Herculase II Fusion DNAHerculase II Fusion DNANot applicable.PolymeraseSX Herculase II ReactionSureSelect Binding BufferNot applicable.SureSelect Wash Buffer 1Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect XT HS and XTNot applicable.Low Input Blocker MixSureSelect FastSureSelect RNase BlockNot applicable.	Flammability		Not applicable.	
T4 DNA LigaseNot applicable.Ligation BufferNot applicable.Adaptor Oligo MixNot applicable.Adaptor Oligo MixNot applicable.Forward PrimerNot applicable.100 mM dNTP Mix (25 mMNot applicable.each dNTP)Herculase II Fusion DNAHerculase II Fusion DNANot applicable.PolymeraseStreSelect Binding BufferSureSelect Binding BufferNot applicable.SureSelect Wash Buffer 1Not applicable.SureSelect XT HS and XTNot applicable.Low Input Blocker MixSureSelect FastSureSelect RNase BlockNot applicable.			Not applicable.	
Adaptor Oligo MixNot applicable.Forward PrimerNot applicable.100 mM dNTP Mix (25 mMNot applicable.each dNTP)Herculase II Fusion DNANot applicable.Polymerase5X Herculase II ReactionNot applicable.SureSelect Binding BufferNot applicable.SureSelect Wash Buffer 1Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect XT HS and XTNot applicable.Low Input Blocker MixSureSelect FastSureSelect RNase BlockNot applicable.				
Forward PrimerNot applicable.100 mM dNTP Mix (25 mMNot applicable.each dNTP)Herculase II Fusion DNANot applicable.PolymeraseSX Herculase II ReactionNot applicable.SureSelect Binding BufferNot applicable.SureSelect Wash Buffer 1Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect XT HS and XTNot applicable.Low Input Blocker MixSureSelect FastSureSelect RNase BlockNot applicable.		Ligation Buffer		
100 mM dNTP Mix (25 mMNot applicable.each dNTP)Herculase II Fusion DNANot applicable.Polymerase5X Herculase II ReactionNot applicable.5X Herculase II ReactionNot applicable.BufferSureSelect Binding BufferNot applicable.SureSelect Wash Buffer 1Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect XT HS and XTNot applicable.Low Input Blocker MixSureSelect FastSureSelect RNase BlockNot applicable.		Adaptor Oligo Mix	Not applicable.	
each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 Not applicable. SureSelect Wash Buffer 2 Not applicable. SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block Not applicable.				
Herculase II Fusion DNA PolymeraseNot applicable.5X Herculase II Reaction BufferNot applicable.SureSelect Binding Buffer SureSelect Wash Buffer 1Not applicable.SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase BlockNot applicable.SureSelect RNase BlockNot applicable.			Not applicable.	
5X Herculase II ReactionNot applicable.BufferSureSelect Binding BufferNot applicable.SureSelect Wash Buffer 1Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect XT HS and XTNot applicable.Low Input Blocker MixSureSelect FastSureSelect FastNot applicable.Hybridization BufferSureSelect RNase BlockSureSelect RNase BlockNot applicable.		Herculase II Fusion DNA	Not applicable.	
SureSelect Binding BufferNot applicable.SureSelect Wash Buffer 1Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect XT HS and XTNot applicable.Low Input Blocker MixSureSelect FastSureSelect FastNot applicable.Hybridization BufferSureSelect RNase BlockSureSelect RNase BlockNot applicable.		5X Herculase II Reaction	Not applicable.	
SureSelect Wash Buffer 1Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect XT HS and XTNot applicable.Low Input Blocker MixNot applicable.SureSelect FastNot applicable.Hybridization BufferSureSelect RNase BlockSureSelect RNase BlockNot applicable.			Not applicable	
SureSelect Wash Buffer 2Not applicable.SureSelect XT HS and XTNot applicable.Low Input Blocker MixSureSelect FastSureSelect FastNot applicable.Hybridization BufferSureSelect RNase BlockSureSelect RNase BlockNot applicable.				
SureSelect XT HS and XTNot applicable.Low Input Blocker MixSureSelect FastNot applicable.Hybridization BufferSureSelect RNase BlockNot applicable.				
Low Input Blocker Mix SureSelect Fast Not applicable. Hybridization Buffer SureSelect RNase Block Not applicable.				
SureSelect Fast Not applicable. Hybridization Buffer SureSelect RNase Block Not applicable.				
Hybridization Buffer SureSelect RNase Block Not applicable.			Not applicable.	
Date of issue/Date of revision: 04/19/2022Date of previous issue: 03/07/2022Version: 3.147/76			Not applicable.	
	Date of issue/Date of revision	: 04/19/2022 Date of previous	issue : 03/07/2022	Version : 3.1 47/76

		SureSelect Post-Cap	oture	Not appli	cable.			
		Primer Mix SureSelect XT HS In	dex	Not appli	cable.			
		Primer A01-H04		NI 4				
		SSel XT HS and XT		Not appli	cable.			
		Input Cancer All-In-C Lung, 96 Reactions	ne					
Lower and upper explosion		-		Not avail	abla			
Lower and upper explosion limit/flammability limit	ł	End Repair-A Tailing Enzyme Mix		Not avail	able.			
······		End Repair-A Tailing	Buffer	Not avail	able.			
		T4 DNA Ligase		Not avail	able.			
		Ligation Buffer		Not avail				
		Adaptor Oligo Mix		Not avail				
		Forward Primer		Not avail				
		100 mM dNTP Mix (2 each dNTP)	25 mM	Not avail	able.			
		Herculase II Fusion [ Polymerase	ONA	Not avail	able.			
		5X Herculase II Read	ction	Not avail	able.			
		Buffer SureSelect Binding E	Buffer	Not avail	able.			
		SureSelect Wash Bu		Not avail				
		SureSelect Wash Bu	ffer 2	Not avail	able.			
		SureSelect XT HS ar		Not avail	able.			
		Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post-Capture Primer Mix		Not avail	abla			
				NOL avair	able.			
				Not avail	able			
				Not avail				
		SureSelect XT HS In Primer A01-H04	dex	Not avail	able.			
		SSel XT HS and XT	l ow	Not avail	ahle			
		Input Cancer All-In-C		Notavan				
		Lung, 96 Reactions						
Vapor pressure	÷		Vapor Pressure at 20°C		re at 20°C	Vapor pressure at 50°C		
		Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
		End Repair-A Tailing Enzyme Mix						
		water	23.8	3.2		92.258	12.3	
		Adenosine 5'-	< 0.00075006	<0.0001		< 0.00075006	<0.0001	
		Adenosine 5'- (tetrahydrogen triphosphate), disodium salt	<0.00075006	<0.0001		<0.00075006	<0.0001	
		(tetrahydrogen triphosphate), disodium	<0.00075006	<0.0001		<0.00075006	<0.0001	
		(tetrahydrogen triphosphate), disodium salt <b>End Repair-A Tailing</b>	<0.00075006	<0.0001		<0.00075006 92.258	<0.0001	
		(tetrahydrogen triphosphate), disodium salt End Repair-A Tailing Buffer		3.2			12.3	

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water	23.8	3.2		92.258	12.3		
Glycerol	0.000075	0.00001		0.0025	0.00033		
Ligation Buffer							
water	23.8	3.2		92.258	12.3		
Glycerol	0.000075	0.00001		0.0025	0.00033		
Adaptor Oligo Mix							
water	23.8	3.2		92.258	12.3		
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001		
Forward Primer							
water	23.8	3.2		92.258	12.3		
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001		
100 mM dNTP Mix (25 mM each dNTP)							
water	23.8	3.2		92.258	12.3		
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001		
Herculase II Fusion DNA Polymerase							
water	23.8	3.2		92.258	12.3		
Glycerol	0.000075	0.00001		0.0025	0.00033		
5X Herculase II Reaction Buffer							
water	23.8	3.2		92.258	12.3		
Sulfuric acid, magnesium salt, hydrate (1:1:7)	<0.1	<0.013					
SureSelect Binding Buffer							
water	23.8	3.2		92.258	12.3		
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001		
SureSelect Wash Buffer 1							
water	23.8	3.2		92.258	12.3		
Sodium dodecyl sulphate	≤0.0013501	≤0.00018					
: 04/19/2022 Date of p	previous iss	sue	:03/07/2022		Version	: 3.1	49/76

•				1	
SureSelect Wash Buffer 2					
water	23.8	3.2	92.258	12.3	
Sodium dodecyl sulphate	≤0.0013501	≤0.00018			
SureSelect XT HS and XT Low Input Blocker Mix					
water	23.8	3.2	92.258	12.3	
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036	0.000007501	0.000001	
SureSelect Fast Hybridization Buffer					
water	23.8	3.2	92.258	12.3	
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036	0.000007501	0.000001	
SureSelect RNase Block					
water	23.8	3.2	92.258	12.3	
Glycerol	0.000075	0.00001	0.0025	0.00033	
SureSelect Post- Capture Primer Mix					
water	23.8	3.2	92.258	12.3	
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036	0.000007501	0.000001	
SureSelect XT HS Index Primer A01-H04					
water	23.8	3.2	92.258	12.3	
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036	0.000007501	0.000001	
SSel XT HS and XT Low Input Cancer All- In-One Lung, 96 Reactions					
water	23.8	3.2	92.258	12.3	
Glycerol	0.000075	0.00001	0.0025	0.00033	

onaraotoriotico		
Relative vapor density :	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	Not available.
	each dNTP)	
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT	Not available.
	Low Input Blocker Mix	Not available.
	SureSelect Fast Hybridization Buffer	
	SureSelect RNase Block	Not available.
	SureSelect Post-Capture Primer Mix	Not available.
	SureSelect XT HS Index Primer A01-H04	Not available.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not available.
Relative density :	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	Not available.
	each dNTP)	
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
		Not available
	SureSelect XT HS and XT	Not available.
	SureSelect XT HS and XT Low Input Blocker Mix	
	SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast	Not available.
	SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer	Not available.
	SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block	Not available. Not available.
	SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post-Capture	Not available.
	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	Not available. Not available.
	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-H04	Not available. Not available. Not available. Not available.
	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	Not available. Not available. Not available.

Enzyme Mix       and hot water.         End Repair-A Tailing Buffer       Easily soluble in the following materials: cold water and hot water.         Ligation Buffer       Easily soluble in the following materials: cold water and hot water.         Adaptor Oligo Mix       Easily soluble in the following materials: cold water and hot water.         100 mM dNTP Mix (25 mM each ANTP)       Easily soluble in the following materials: cold water and hot water.         100 mM dNTP Mix (25 mM each ANTP)       Easily soluble in the following materials: cold water and hot water.         100 mM dNTP Mix (25 mM each ANTP)       Easily soluble in the following materials: cold water and hot water.         SureSelect Binding Buffer       SureSelect Binding Buffer         SureSelect Mash Buffer 1       SureSelect TAI Sn and XT Low Input Blocker Mix         SureSelect Tast       SureSelect Tast         SureSelect TAS Buffer       Easily soluble in the following materials: cold water and hot water.         SureSelect TAI Sn and XT Low Input Blocker Mix       SureSelect Tast         SureSelect TAS Buffer 1       Easily soluble in the following materials: cold water and hot water.         SureSelect TAS Buffer 1       Easily soluble in the following materials: cold water and hot water.         SureSelect TAS Buffer 1       Easily soluble in the following materials: cold water and hot water.         SureSelect TAS Buffer 1       SureSelect TAS Buffer 1	characteristics		
End Repair-A Tailing Buffer       Easily soluble in the following materials: cold water and hor water.         T4 DNA Ligase       Easily soluble in the following materials: cold water and hor water.         Ligation Buffer       Easily soluble in the following materials: cold water and hor water.         Adaptor Oligo Mix       Easily soluble in the following materials: cold water and hor water.         T00 mM dNTP Mix (25 mM each of the following materials: cold water and hor water.       Easily soluble in the following materials: cold water and hor water.         100 mM dNTP Mix (25 mM each of the following materials: cold water and hor water.       Easily soluble in the following materials: cold water and hor water.         SureSelect Binding Buffer       SureSelect XT HS and XT Low input Biocker Mix SureSelect Post-Capture Primer Mix       Easily soluble in the following materials: cold water and hor water.         SureSelect Post-Capture Primer Mix       SureSelect Post-Capture Primer Mix       Easily soluble in the following materials: cold water and hor water.         SureSelect Post-Capture Primer Mix       SureSelect Post-Capture Primer Mix       Easily soluble in the following materials: cold water and hor water.         Primer Add Hugase       Easily soluble in the following materials: cold water and hor water.       Easily soluble in the following materials: cold water and hor water.         SureSelect Rise Block       SureSelect Post-Capture Primer Mix       Not applicable.         Primer Add Hugase       End Repair-A Talling Buffer Adr	Solubility	: End Repair-A Tailing	Easily soluble in the following materials: cold water
T4 DNA Ligase       and hot water.         T4 DNA Ligase       Easily soluble in the following materials: cold water and hot water.         Ligation Buffer       Easily soluble in the following materials: cold water and hot water.         Adaptor Oligo Mix       Easily soluble in the following materials: cold water and hot water.         100 mM dNTP Mix (25 mM each dNTP)       Easily soluble in the following materials: cold water and hot water.         100 mM dNTP Mix (25 mM each dNTP)       Easily soluble in the following materials: cold water and hot water.         SureSelect Binding Buffer       SureSelect Binding Buffer         SureSelect Wash Buffer 1       Easily soluble in the following materials: cold water and hot water.         SureSelect TT HS and XT       Easily soluble in the following materials: cold water and hot water.         SureSelect THS and XT       Easily soluble in the following materials: cold water and hot water.         SureSelect THS and XT Low Input Cancer All-In-Ore Lung, 96 Reactions       Easily soluble in the following materials: cold water and hot water.         SureSelect THS Index Primer All-H04       Easily soluble in the following materials: cold water and hot water.         SureSelect THS Index Primer All-H04       Easily soluble in the following materials: cold water and hot water.         SureSelect THS Index Primer All-H04       Seal Th Sand XT Low Input Cancer All-In-Ore Lung, 96 Reactions         End Repair-A Talling Buffer SureSelect THS Buffer       <			
T4 DNA Ligase       Easily soluble in the following materials: cold water and hot water.         Ligation Buffer       Easily soluble in the following materials: cold water and hot water.         Adaptor Oligo Mix       Easily soluble in the following materials: cold water and hot water.         100 mM dNTP Mix (25 mM each dNTP)       Easily soluble in the following materials: cold water and hot water.         100 mM dNTP Mix (25 mM each dNTP)       Easily soluble in the following materials: cold water and hot water.         SureSelect Binding Buffer       SureSelect Wash Buffer 1         SureSelect TH S and XT Low input Blocker Mix       SureSelect TAH Sand XT Low input Blocker Mix         SureSelect TAH Sand XT Low input Blocker Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect TAH Sand XT Low input Blocker Mix       SureSelect Fast         SureSelect TAH Sand XT Low input Blocker Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect TAH Sand XT Low input Blocker Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect TAH Sand XT Low input Blocker Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect TAH Sand XT Low input Blocker Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect TAH Sand XT Low input Blocker Mix       Easily soluble in the following materials: cold water and hot water.		End Repair-A Tailing Buller	
Ligation Buffer       Easily soluble in the following materials: cold water and hor water.         Forward Primer       Easily soluble in the following materials: cold water and hor water.         100 mM dNTP Mix (25 mM each dNTP)       Easily soluble in the following materials: cold water and hor water.         100 mM dNTP Mix (25 mM each dNTP)       Easily soluble in the following materials: cold water and hor water.         100 mM dNTP Mix (25 mM each dNTP)       Easily soluble in the following materials: cold water and hor water.         SureSelect Binding Buffer       Easily soluble in the following materials: cold water and hor water.         SureSelect Wash Buffer 1       Easily soluble in the following materials: cold water and hor water.         SureSelect That Band XT Low Input Blocker Mix SureSelect Fast       Easily soluble in the following materials: cold water and hor water.         SureSelect Tast       Easily soluble in the following materials: cold water and hor water.         SureSelect Tast       Easily soluble in the following materials: cold water and hor water.         SureSelect Tast       Easily soluble in the following materials: cold water and hor water.         SureSelect Tast       Easily soluble in the following materials: cold water and hor water.         SureSelect Tast       Not applicable.         Primer Mix       Easily soluble in the following materials: cold water and hor water.         SureSelect Tast       Not applicable. <t< td=""><td></td><td>T4 DNA Ligase</td><td>Easily soluble in the following materials: cold water</td></t<>		T4 DNA Ligase	Easily soluble in the following materials: cold water
Adaptor Oligo Mix       Easily soluble in the following materials: cold water and hot water.         Forward Primer       Easily soluble in the following materials: cold water and hot water.         100 mM dNTP Mix (25 mM each dNTP)       Easily soluble in the following materials: cold water and hot water.         Polymerase       Forward Primer         5X Herculase II Fusion DNA Polymerase       Easily soluble in the following materials: cold water and hot water.         SureSelect Binding Buffer       Easily soluble in the following materials: cold water and hot water.         SureSelect Wash Buffer 1       Easily soluble in the following materials: cold water and hot water.         SureSelect XT HS and XT Low Input Blocker Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect XT HS and XT Low Input Blocker Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect XT HS index Primer AD Hold       Easily soluble in the following materials: cold water and hot water.         SureSelect XT HS index Primer Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect XT HS and XT Low Input Cancer AHIn-One Lung, 96 Reactions       Easily soluble in the following materials: cold water and hot water.         Partition coefficient: n- octanol/water       E End Repair-A Tailing Buffer TA DNA Ligase       Not applicable.         Forward Primer       Not applicable.       Not applicable. <th></th> <th>Ligation Buffer</th> <th>Easily soluble in the following materials: cold water</th>		Ligation Buffer	Easily soluble in the following materials: cold water
Forward Primer       Easily soluble in the following materials: cold water and hot water.         100 mM dNTP Mix (25 mM each dNTP)       Easily soluble in the following materials: cold water and hot water.         5X Herculase II Fusion DNA Buffer       Easily soluble in the following materials: cold water and hot water.         SureSelect Binding Buffer       Easily soluble in the following materials: cold water and hot water.         SureSelect Wash Buffer 1       Easily soluble in the following materials: cold water and hot water.         SureSelect XT HS and XT Low input Blocker Mix SureSelect TAI Sind Water       Easily soluble in the following materials: cold water and hot water.         SureSelect XT HS and XT Low input Blocker Mix SureSelect Post-Capture Primer Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect Post-Capture Primer Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect Post-Capture Primer Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect Post-Capture Primer Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect Post-Capture Primer Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect Art HS Index Primer A01-HOA       Easily soluble in the following materials: cold water and hot water.         SureSelect Art HS Index Primer A01-HOA       Easily soluble in the following materials: cold water and hot water.     <		Adaptor Oligo Mix	Easily soluble in the following materials: cold water
<ul> <li>each dNTP)</li> <li>Herculase II Fusion DNA Polymerase</li> <li>SX Herculase II Reaction Buffer</li> <li>SureSelect Binding Buffer</li> <li>SureSelect Wash Buffer 1</li> <li>SureSelect Wash Buffer 2</li> <li>SureSelect Wash Buffer 2</li> <li>SureSelect XT HS and XT Low Input BicKer Mix</li> <li>SureSelect Post-Capture</li> <li>SureSelect Post-Capture</li> <li>Primer A01-HO4</li> <li>Selex T HS and XT Low</li> <li>SureSelect Post-Capture</li> <li>Primer A01-HO4</li> <li>Selex T HS and XT Low</li> <li>Buffer</li> <li>SureSelect Post-Capture</li> <li>Primer A01-HO4</li> <li>Selex T HS and XT Low</li> <li>In Repair-A Tailing</li> <li>Portable in the following materials: cold water</li> <li>and hot water.</li> <li>Easily soluble in the following materials: cold water</li> <li>and hot water.</li> <li>Easily soluble in the following materials: cold water</li> <li>and hot water.</li> <li>Easily soluble in the following materials: cold water</li> <li>and hot water.</li> <li>Easily soluble in the following materials: cold water</li> <li>And hot water.</li> <li>Easily soluble in the following materials: cold water</li> <li>And hot water.</li> <li>Easily soluble in the following materials: cold water</li> <li>SureSelect Post-Capture</li> <li>Easily soluble in the following materials: cold water</li> <li>SureSelex T HS and XT Low</li> <li>Easily soluble in the following materials: cold water</li> <li>SureSelex T HS and XT Low</li> <li>Easily soluble in the following materials: co</li></ul>		Forward Primer	Easily soluble in the following materials: cold water
Polymerase       and hot water.         SX Herculase II Reaction       Buffer         SureSelect Binding Buffer       Easily soluble in the following materials: cold water and hot water.         SureSelect Binding Buffer       SureSelect Wash Buffer 1         SureSelect Wash Buffer 1       Easily soluble in the following materials: cold water and hot water.         SureSelect THS and XT       Easily soluble in the following materials: cold water and hot water.         SureSelect THS and XT       Easily soluble in the following materials: cold water and hot water.         SureSelect TAT HS and XT       SureSelect TAT HS Index         SureSelect XT HS Index       Fasily soluble in the following materials: cold water and hot water.         SureSelect XT HS Index       SureSelect XT HS Index         SureSelect XT HS and XT Low input Bucker Allino.       Easily soluble in the following materials: cold water and hot water.         SureSelect XT HS and XT Low input Cancer All-In-One       Easily soluble in the following materials: cold water and hot water.         Partition coefficient: noctanol/water       End Repair-A Tailing Buffer Not applicable.       Not applicable.         You mut Bucker Mix End Repair-A Tailing Buffer Not applicable.       Not applicable.       Not applicable.         You mut Bucker Mix End Repair-A Tailing Buffer Not applicable.       Not applicable.       Not applicable.         You mut Bucker Mix Not applicable.			
Buffer       and hot water.         SureSelect Binding Buffer       SareSelect Wash Buffer 1         SureSelect Wash Buffer 2       Easily soluble in the following materials: cold water and hot water.         SureSelect Wash Buffer 1       Easily soluble in the following materials: cold water and hot water.         SureSelect XT HS and XT Low input Blocker Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect Rase Block       SureSelect XT HS and XT Low input Blocker Mix         SureSelect Rase Block       SureSelect XT HS Index         SureSelect XT HS Index       SureSelect XT HS Index         SureSelect XT HS and XT Low       Easily soluble in the following materials: cold water and hot water.         SureSelect XT HS and XT Low       Easily soluble in the following materials: cold water and hot water.         SureSelect XT HS and XT Low       Easily soluble in the following materials: cold water and hot water.         Partition coefficient: n-       I End Repair-A Tailing       Not applicable.         Primer MX       End Repair-A Tailing       Not applicable.         Adaptor Oligo Mix       Not applicable.       Not applicable.         Adaptor Oligo Mix       Not applicable.       Not applicable.         Forward Primer       Not applicable.       Not applicable.         SureSelect Wash Buffer 1       Not applicable.		Polymerase	
and fot water.         SureSelect Wash Buffer 1         SureSelect Wash Buffer 2         SureSelect XT HS and XT         Low Input Blocker Mix         SureSelect XT HS and XT         Low Input Blocker Mix         SureSelect RNase Block         Basily soluble in the following materials: cold water         SureSelect TA HS index         Primer A01-H04         SureSelect XT HS and XT Low         Input Cancer All-In-One         Lung, 96 Reactions         Partition coefficient: n-         ctanol/water         End Repair-A Tailing         Dottanol/water         End Repair-A Tailing Buffer         T4 DNA Ligase         Not applicable.         Not applicable.         Forward Primer         100 mM dNTP Mix (25 mM         each dNTP)         Herculase II Fusion DNA         Polymerase         SX Herculase II Reaction         Buffer		Buffer	and hot water.
Partition coefficient: n-octanol/water       : End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer T4 DNA Ligase Ligation Buffer SureSelect TH B and XT Low Input Bocker Mix SureSelect Rast Hybridization Buffer SureSelect Rast Hybridization Buffer SureSelect Rast Buckactions       Not applicable.         Partition coefficient: n-octanol/water       : End Repair-A Tailing Buffer T4 DNA Ligase Buckactions Buffer SureSelect Bunding Buffer SureSelect Rast Buckactions       Not applicable.         Not applicable.       Not applicable.       Not applicable.         SureSelect Binding Buffer SureSelect Mash Buffer 1       Not applicable.       Not applicable.         Not applicable.       Not applicable.       Not applicable.       Not applicable.		C C	and hot water.
Partition coefficient: n- octanol/water       SureSelect XT HS and XT Low Input Blocker Mix SureSelect Rast       Easily soluble in the following materials: cold water and hot water.         Partition coefficient: n- octanol/water       SureSelect Post-Capture Primer A01-H04       Easily soluble in the following materials: cold water and hot water.         Partition coefficient: n- octanol/water       End Repair-A Tailing Enzyme Mix       Not applicable.         Partition coefficient: n- octanol/water       End Repair-A Tailing Enzyme Mix       Not applicable.         Partition coefficient: n- octanol/water       End Repair-A Tailing Enzyme Mix       Not applicable.         Partition coefficient: n- octanol/water       End Repair-A Tailing Enzyme Mix       Not applicable.         Partition coefficient: n- octanol/water       Sel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions       Not applicable.         Partition coefficient: n- octanol/water       End Repair-A Tailing Enzyme Mix       Not applicable.         Partition coefficient: n- octanol/water       End Repair-A Tailing Enzyme Mix       Not applicable.         Not applicable       Not applicable.       Not applicable.         SureSelect Wath Buffer       Not applicable.       Not applicable.         Not applicable.       Not applicable.       Not applicable.         SureSelect Wash Buffer       Not applicable.       Not applicable.         SureSelect			and hot water.
Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect RNase Block SureSelect RNase Block SureSelect Post-Capture Primer Alt SureSelect XT HS Index Primer A01-H04 Sel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions Partition coefficient: n- octanol/water E End Repair-A Tailing Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase SX Herculase II Reaction Buffer SureSelect XT HS and XT Low Input Busien Not applicable. SureSelect Binding Buffer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase SX Herculase II Reaction Buffer SureSelect XT HS and XT Low Input Blocker Mix SureSelect RNAse Block Not applicable. Not applicable.			and hot water.
SureSelect Fast Hybridization Buffer       Easily soluble in the following materials: cold water and hot water.         SureSelect Post-Capture Primer Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect Post-Capture Primer Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect XT HS Index Primer A01-H04       Easily soluble in the following materials: cold water and hot water.         SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions       Easily soluble in the following materials: cold water and hot water.         Partition coefficient: n- octanol/water       : End Repair-A Tailing Enzyme Mix       Not applicable.         Forward Primer 14 DNA Ligase       Not applicable.       Not applicable.         Ligation Buffer       Not applicable.       Not applicable.         100 mM dNTP Mix (25 mM each dNTP)       Not applicable.       Not applicable.         Herculase II Fusion DNA Polymerase       Not applicable.       Not applicable.         SureSelect Wash Buffer SureSelect Wash Buffer 2       Not applicable.       Not applicable.         SureSelect Binding Buffer SureSelect Wash Buffer 2       Not applicable.       Not applicable.         SureSelect Binding Buffer SureSelect THS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer       Not applicable.       Not applicable.         SureSelect RNase Block       Not applicable.			
Hybridization Buffer SureSelect RNase Block       and hot water.         Easily soluble in the following materials: cold water Primer Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect XT HS Index Primer A01-H04       Easily soluble in the following materials: cold water and hot water.         SureSelect XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions       Easily soluble in the following materials: cold water and hot water.         Partition coefficient: n- octanol/water       : End Repair-A Tailing Enzyme Mix       Not applicable.         Forward Primer Adaptor Oligo Mix       Not applicable.       Not applicable.         Adaptor Oligo Mix       Not applicable.       Not applicable.         Yourge Select Wash Buffer T4 DNA Ligase       Not applicable.       Not applicable.         Herculase II Fusion DNA       Not applicable.       Not applicable.         Yourge Stares       St Herculase II Fusion DNA       Not applicable.         SureSelect Wash Buffer SureSelect Wash Buffer 2       Not applicable.       Not applicable.         SureSelect TF HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect Rivase Block       Not applicable.			
SureSelect RNase Block       Easily soluble in the following materials: cold water and hot water.         SureSelect Post-Capture Primer Mix       Easily soluble in the following materials: cold water and hot water.         SureSelect XT HS Index       Easily soluble in the following materials: cold water and hot water.         SureSelect XT HS Index       Easily soluble in the following materials: cold water and hot water.         Site XT HS and XT Low       Easily soluble in the following materials: cold water and hot water.         Iung, 96 Reactions       Easily soluble in the following materials: cold water and hot water.         Lung, 96 Reactions       End Repair-A Tailing         Not applicable.       Not applicable.         Catanol/water       End Repair-A Tailing Buffer         T4 DNA Ligase       Not applicable.         Ligation Buffer       Not applicable.         100 mM dNTP Mix (25 mM       Not applicable.         Polymerase       SX Herculase II Reaction       Not applicable.         SureSelect Binding Buffer       Not applicable.       Not applicable.         SureSelect Wash Buffer 2       Not applicable.       Not applicable.         SureSelect Wash Buffer 2       Not applicable.       Not applicable.         SureSelect Wash Buffer 3       Not applicable.       SureSelect Wash Buffer 4         SureSelect Wash Buffer 3       Not			
Primer Mix       and hot water.         SureSelect XT HS Index       Frimer A01-H04         Primer A01-H04       and hot water.         Ssel XT HS and XT Low       Input Cancer All-In-One         Lung, 96 Reactions       Easily soluble in the following materials: cold water         and hot water.       Easily soluble in the following materials: cold water         cotanol/water       End Repair-A Tailing       Not applicable.         T4 DNA Ligase       Not applicable.       Not applicable.         Ligation Buffer       Not applicable.       Not applicable.         Yourd Primer       Not applicable.       Not applicable.         Yourd Primer       Not applicable.       Not applicable.         Yourd Yourd Primer       Not applicable.       Not applicable.         Yourd Yourd Primer       Not applicable.       Not applicable.         Yourd Yourd Yourd Primer       Not applicable.       Not applicable.         Yourd			Easily soluble in the following materials: cold water
SureSelect XT HS Index Primer A01-H04Easily soluble in the following materials: cold water and hot water.Partition coefficient: n- octanol/water:End Repair-A Tailing Enzyme MixNot applicable.Partition coefficient: n- octanol/water:End Repair-A Tailing Enzyme MixNot applicable.Partition coefficient: n- octanol/water:End Repair-A Tailing Enzyme MixNot applicable.Partition coefficient: n- octanol/water:End Repair-A Tailing Enzyme MixNot applicable.Input Cancer All-In-One Lung, 96 ReactionsNot applicable.Not applicable.Partition coefficient: n- octanol/water:End Repair-A Tailing Enzyme MixNot applicable.Input Cancer All-In-One Lung, 96 ReactionsNot applicable.Not applicable.Partition coefficient: n- octanol/water:End Repair-A Tailing Enzyme MixNot applicable.Input Cancer All-In-One Lung, 96 Reactions:Not applicable.Not applicable.Input Cancer All-In-One Ligation Buffer:Not applicable.Not applicable.To M M dNTP Mix (25 mM each dNTP) Herculase II Reaction BufferNot applicable.Not applicable.SureSelect Binding Buffer SureSelect Wash Buffer 1Not applicable.Not applicable.SureSelect XT HS and XT Hybridization Buffer SureSelect TRNase BlockNot applicable.Not applicable.SureSelect RNase BlockNot applicable.Not applicable.Not applicable.		SureSelect Post-Capture	
Primer A01-H04       and hot water.         SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions       Easily soluble in the following materials: cold water and hot water.         Partition coefficient: n- octanol/water       :       End Repair-A Tailing Enzyme Mix       Not applicable.         End Repair-A Tailing Generation Surger       Not applicable.       Not applicable.         Ligation Buffer       Not applicable.         Adaptor Oligo Mix       Not applicable.         Forward Primer       Not applicable.         100 mM dNTP Mix (25 mM       Not applicable.         Polymerase       SX Herculase II Fusion DNA         Polymerase       Not applicable.         SureSelect Binding Buffer       Not applicable.         SureSelect Wash Buffer 1       Not applicable.         SureSelect Wash Buffer 2       Not applicable.         SureSelect T HS and XT       Not applicable.         SureSelect Fast       Not applicable.         Not applicable.       Not applicable.         SureSelect Fast       Not applicable.         Not applicable.       Not applicable.         SureSelect RNase Block       Not applicable.			
SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions       Easily soluble in the following materials: cold water and hot water.         Partition coefficient: n- octanol/water       : End Repair-A Tailing Enzyme Mix       Not applicable.         End Repair-A Tailing Buffer T4 DNA Ligase       Not applicable.         Ligation Buffer       Not applicable.         Forward Primer       Not applicable.         100 mM dNTP Mix (25 mM each dNTP)       Not applicable.         Herculase II Fusion DNA Polymerase       Not applicable.         SureSelect Binding Buffer SureSelect Wash Buffer 2       Not applicable.         SureSelect XT HS and XT       Not applicable.         Not applicable.       Not applicable.         SureSelect XT HS and XT       Not applicable.         SureSelect XT HS and XT       Not applicable.         Not applicable.       Not applicable.         SureSelect Fast Hybridization Buffer       Not applicable.         SureSelect RNase Block       Not applicable.         Not applicable.       Not applicable.			
Input Cancer All-In-One Lung, 96 Reactions       and hot water.         Partition coefficient: n- octanol/water       : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase       Not applicable.         Ligation Buffer       Not applicable.       Not applicable.         Ligation Buffer       Not applicable.         Adaptor Oligo Mix       Not applicable.         100 mM dNTP Mix (25 mM       Not applicable.         each dNTP)       Herculase II Fusion DNA       Not applicable.         Polymerase       5X Herculase II Reaction       Not applicable.         SureSelect Binding Buffer       Not applicable.         SureSelect Wash Buffer       Not applicable.         SureSelect THS and XT       Not applicable.         SureSelect Fast       Not applicable.         Hybridization Buffer       Not applicable.			
octanol/water       Enzyme Mix         End Repair-A Tailing Buffer       Not applicable.         T4 DNA Ligase       Not applicable.         Ligation Buffer       Not applicable.         Adaptor Oligo Mix       Not applicable.         Adaptor Oligo Mix       Not applicable.         Forward Primer       Not applicable.         100 mM dNTP Mix (25 mM       Not applicable.         each dNTP)       Herculase II Fusion DNA       Not applicable.         Polymerase       5X Herculase II Reaction       Not applicable.         SureSelect Binding Buffer       Not applicable.       SureSelect Wash Buffer 1         SureSelect Wash Buffer 2       Not applicable.       SureSelect THS and XT         Low Input Blocker Mix       SureSelect Fast       Not applicable.         Hybridization Buffer       SureSelect RNase Block       Not applicable.		Input Cancer All-In-One	
T4 DNA Ligase       Not applicable.         Ligation Buffer       Not applicable.         Adaptor Oligo Mix       Not applicable.         Adaptor Oligo Mix       Not applicable.         Forward Primer       Not applicable.         100 mM dNTP Mix (25 mM       Not applicable.         each dNTP)       Herculase II Fusion DNA       Not applicable.         Polymerase       5X Herculase II Reaction       Not applicable.         SureSelect Binding Buffer       Not applicable.         SureSelect Wash Buffer 1       Not applicable.         SureSelect Wash Buffer 2       Not applicable.         SureSelect THS and XT       Not applicable.         Low Input Blocker Mix       SureSelect River Mix         SureSelect RNase Block       Not applicable.			Not applicable.
Ligation Buffer Not applicable. Adaptor Oligo Mix Not applicable. Forward Primer Not applicable. 100 mM dNTP Mix (25 mM Not applicable. each dNTP) Herculase II Fusion DNA Not applicable. Polymerase 5X Herculase II Reaction Not applicable. Buffer SureSelect Binding Buffer Not applicable. SureSelect Wash Buffer 1 Not applicable. SureSelect Wash Buffer 2 Not applicable. SureSelect Wash Buffer 2 Not applicable. SureSelect XT HS and XT Not applicable. Low Input Blocker Mix SureSelect Riase Block Not applicable.		End Repair-A Tailing Buffer	
Adaptor Oligo Mix       Not applicable.         Forward Primer       Not applicable.         100 mM dNTP Mix (25 mM       Not applicable.         each dNTP)       Herculase II Fusion DNA       Not applicable.         Polymerase       5X Herculase II Reaction       Not applicable.         Buffer       SureSelect Binding Buffer       Not applicable.         SureSelect Wash Buffer 1       Not applicable.         SureSelect Wash Buffer 2       Not applicable.         SureSelect XT HS and XT       Not applicable.         Low Input Blocker Mix       SureSelect Fast         SureSelect RNase Block       Not applicable.			••
Forward Primer       Not applicable.         100 mM dNTP Mix (25 mM       Not applicable.         each dNTP)       Herculase II Fusion DNA       Not applicable.         Polymerase       5X Herculase II Reaction       Not applicable.         SureSelect Binding Buffer       Not applicable.         SureSelect Wash Buffer 1       Not applicable.         SureSelect Wash Buffer 2       Not applicable.         SureSelect Wash Buffer 2       Not applicable.         SureSelect THS and XT       Not applicable.         Low Input Blocker Mix       SureSelect Fast         SureSelect RNase Block       Not applicable.			
100 mM dNTP Mix (25 mM each dNTP)Not applicable.Herculase II Fusion DNA PolymeraseNot applicable.5X Herculase II Reaction BufferNot applicable.SureSelect Binding Buffer SureSelect Wash Buffer 1Not applicable.SureSelect Wash Buffer 2 SureSelect Wash Buffer 2Not applicable.SureSelect THS and XT Low Input Blocker Mix SureSelect RNase BlockNot applicable.			
each dNTP) Herculase II Fusion DNA Not applicable. Polymerase 5X Herculase II Reaction Not applicable. Buffer SureSelect Binding Buffer Not applicable. SureSelect Wash Buffer 1 Not applicable. SureSelect Wash Buffer 2 Not applicable. SureSelect XT HS and XT Not applicable. Low Input Blocker Mix SureSelect Fast Not applicable. Hybridization Buffer SureSelect RNase Block Not applicable.			
Herculase IÍ Fusion DNA       Not applicable.         Polymerase       5X Herculase II Reaction       Not applicable.         Buffer       SureSelect Binding Buffer       Not applicable.         SureSelect Wash Buffer 1       Not applicable.         SureSelect Wash Buffer 2       Not applicable.         SureSelect Wash Buffer 2       Not applicable.         SureSelect Wash Buffer 2       Not applicable.         SureSelect XT HS and XT       Not applicable.         Low Input Blocker Mix       SureSelect Fast         SureSelect RNase Block       Not applicable.			
Buffer SureSelect Binding Buffer Not applicable. SureSelect Wash Buffer 1 Not applicable. SureSelect Wash Buffer 2 Not applicable. SureSelect XT HS and XT Not applicable. Low Input Blocker Mix SureSelect Fast Not applicable. Hybridization Buffer SureSelect RNase Block Not applicable.			Not applicable.
SureSelect Wash Buffer 1       Not applicable.         SureSelect Wash Buffer 2       Not applicable.         SureSelect XT HS and XT       Not applicable.         Low Input Blocker Mix       SureSelect Fast         SureSelect Fast       Not applicable.         Hybridization Buffer       SureSelect RNase Block         Not applicable.       Not applicable.			Not applicable.
SureSelect Wash Buffer 2 Not applicable. SureSelect XT HS and XT Not applicable. Low Input Blocker Mix SureSelect Fast Not applicable. Hybridization Buffer SureSelect RNase Block Not applicable.			••
SureSelect XT HS and XT Not applicable. Low Input Blocker Mix SureSelect Fast Not applicable. Hybridization Buffer SureSelect RNase Block Not applicable.			
Low Input Blocker Mix SureSelect Fast Not applicable. Hybridization Buffer SureSelect RNase Block Not applicable.			••
SureSelect Fast Not applicable. Hybridization Buffer SureSelect RNase Block Not applicable.			погаррісаріе.
SureSelect RNase Block Not applicable.		SureSelect Fast	Not applicable.
			Not applicable
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	SureSelect Post-Capture Primer Mix	Not applicab	le.				
		SureSelect XT HS Index Not applicable. Primer A01-H04					
		Not applicab	le.				
Auto-ignition temperature	: Ingredient name	°C	°F	Method			
	End Repair-A Tailing Enzyme Mix						
	Glycerol	370	698				
	T4 DNA Ligase						
	Glycerol	370	698				
	Ligation Buffer						
	Polyethylene glycol	360	680				
	Glycerol	370	698				
	Adaptor Oligo Mix						
	Edetic acid	>400	>752	VDI 2263			
	Forward Primer						
	Edetic acid	>400	>752	VDI 2263			
	100 mM dNTP Mix (25 mM each dNTP)						
	Edetic acid	>400	>752	VDI 2263			
	Herculase II Fusion DNA Polymerase						
	Glycerol	370	698				
	Edetic acid	>400	>752	VDI 2263			
	SureSelect Binding Buffer						
	Edetic acid	>400	>752	VDI 2263			
	SureSelect Wash Buffer 1						
	Sodium dodecyl sulphate	310.5	590.9	VDI 2263			
	SureSelect Wash Buffer 2						
	Sodium dodecyl sulphate	310.5	590.9	VDI 2263			
	SureSelect XT HS and XT Low Input Blocker Mix						
	Edetic acid	>400	>752	VDI 2263			
	SureSelect RNase Block						
	Glycerol	370	698				

characteristics					
	4-(2-Hydroxyethyl)piperazin- 1-ylethanesulphonic acid	>400	>752	EU A.16	
	SureSelect Post-Capture Primer Mix	c			
	Edetic acid	>400	>752	VDI 2263	
	SureSelect XT HS Index Primer A01-H04				
	Edetic acid	>400	>752	VDI 2263	
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions				
	Glycerol	370	698		
	4-(2-Hydroxyethyl)piperazin- 1-ylethanesulphonic acid	>400	>752	EU A.16	
Decomposition temperature :	Enzyme Mix	Not available.			
	T4 DNA Ligase	Not available. Not available. Not available.			
		Not available.			
		Not available. Not available.			
	each dNTP)				
	Herculase II Fusion DNA	Not available.			
	Polymerase 5X Herculase II Reaction	Not available.			
	SureSelect Binding Buffer	Not available.			
		Not available.			
		Not available. Not available.			
	Low Input Blocker Mix	NOL AVAIIADIE.			
	-	Not available.			
		Not available.			
	SureSelect Post-Capture	Not available.			
	SureSelect XT HS Index Primer A01-H04	Not available.			
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not available.			
Viscosity :	End Repair-A Tailing Enzyme Mix	Not available.			
	1 0	Not available.			
	5	Not available.			
	0	Not available. Not available.			
		Not available.			
		Not available.			
	each dNTP)	Not available.			
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	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	Not available.
	Low Input Blocker Mix	Net even lette
	SureSelect Fast	Not available.
	Hybridization Buffer	Natavalahla
	SureSelect RNase Block	Not available.
	SureSelect Post-Capture Primer Mix	Not available.
	SureSelect XT HS Index Primer A01-H04	Not available.
	SSel XT HS and XT Low	Not available.
	Input Cancer All-In-One	
	Lung, 96 Reactions	
Particle characteristics		
Median particle size	: End Repair-A Tailing	Not applicable.
	Enzyme Mix	
	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	Not applicable.
	each 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	Not applicable.
	Low Input Blocker Mix	
	SureSelect Fast	Not applicable.
	Hybridization Buffer	
	SureSelect RNase Block	Not applicable.
	SureSelect Post-Capture Primer Mix	Not applicable.
	SureSelect XT HS Index Primer A01-H04	Not applicable.
	SSel XT HS and XT Low Input Cancer All-In-One	Not applicable.
	Lung, 96 Reactions	

# Section 10. Stability and reactivity

: End Repair-A Tailing Enzyme Mix	No specific test data related to reactivity available for this product or its ingredients.
End Repair-A Tailing Buffer	No specific test data related to reactivity available for this product or its ingredients.
T4 DNA Ligase	No specific test data related to reactivity available for this product or its ingredients.
Ligation Buffer	No specific test data related to reactivity available for this product or its ingredients.
Adaptor Oligo Mix	No specific test data related to reactivity available for
	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer

	<b>J</b> J	
		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	No specific test data related to reactivity available for
	each dNTP)	this product or its ingredients.
	Herculase II Fusion DNA	No specific test data related to reactivity available for
	Polymerase	this product or its ingredients.
	5X Herculase II Reaction	No specific test data related to reactivity available for
	Buffer	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
	Surgeriest Wash Baller 2	this product or its ingredients.
	SureSelect XT HS and XT	No specific test data related to reactivity available for
		this product or its ingredients.
	Low Input Blocker Mix SureSelect Fast	
		No specific test data related to reactivity available for
	Hybridization Buffer	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	No specific test data related to reactivity available for
	Primer Mix	this product or its ingredients.
	SureSelect XT HS Index	No specific test data related to reactivity available for
	Primer A01-H04	this product or its ingredients.
	SSel XT HS and XT Low	No specific test data related to reactivity available for
	Input Cancer All-In-One	this product or its ingredients.
	Lung, 96 Reactions	
Chemical stability	: End Repair-A Tailing	The product is stable.
<b>,</b>	Enzyme Mix	···· [·······
	End Repair-A Tailing Buffer	The product is stable.
	T4 DNA Ligase	The product is stable.
	Ligation Buffer	The product is stable.
	Adaptor Oligo Mix	The product is stable.
	Forward Primer	The product is stable.
	100 mM dNTP Mix (25 mM	The product is stable.
	each dNTP)	
	Herculase II Fusion DNA	The product is stable.
	Polymerase	
	5X Herculase II Reaction	The product is stable.
	Buffer	The product is stable.
		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	The product is stable.
	Low Input Blocker Mix	<u> </u>
	SureSelect Fast	The product is stable.
	Hybridization Buffer	
	SureSelect RNase Block	The product is stable.
	SureSelect Post-Capture	The product is stable.
	Primer Mix	
	SureSelect XT HS Index	The product is stable.
	Primer A01-H04	
	SSel XT HS and XT Low	The product is stable.
	Input Cancer All-In-One	
	Lung, 96 Reactions	
	-	

Section 10. Stability	y and reactivity	
	: End Repair-A Tailing	Under normal conditions of storage and use,
reactions	Enzyme Mix	hazardous reactions will not occur.
	End Repair-A Tailing Buffer	Under normal conditions of storage and use,
	T4 DNA Lizzan	hazardous reactions will not occur.
	T4 DNA Ligase	Under normal conditions of storage and use,
	Lightian Buffer	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,
	Adaptor Oligo Mix	hazardous reactions will not occur.
	Forward Primer	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	100 mM dNTP Mix (25 mM	Under normal conditions of storage and use,
	each 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	Under normal conditions of storage and use,
	Buffer	hazardous reactions will not occur.
	SureSelect Binding Buffer	Under normal conditions of storage and use,
	Sume Calact Weak Duffer 1	hazardous reactions will not occur.
	SureSelect Wash Buffer 1	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect Wash Buffer 2	Under normal conditions of storage and use,
	Surcecce wash build 2	hazardous reactions will not occur.
	SureSelect XT HS and XT	Under normal conditions of storage and use,
	Low Input Blocker Mix	hazardous reactions will not occur.
	SureSelect Fast	Under normal conditions of storage and use,
	Hybridization Buffer	hazardous reactions will not occur.
	SureSelect RNase Block	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect Post-Capture	Under normal conditions of storage and use,
	Primer Mix	hazardous reactions will not occur.
	SureSelect XT HS Index	Under normal conditions of storage and use,
	Primer A01-H04	hazardous reactions will not occur.
	SSel XT HS and XT Low	Under normal conditions of storage and use,
	Input Cancer All-In-One	hazardous reactions will not occur.
	Lung, 96 Reactions	
Conditions to avoid	: End Repair-A Tailing	No specific data.
	Enzyme Mix	
	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	No specific data.
	Polymerase	
	5X Herculase II Reaction	No specific data.
	Buffer	
	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	No specific data.
	Low Input Blocker Mix	No anacifia data
	SureSelect Fast	No specific data.
	Hybridization Buffer SureSelect RNase Block	No specific data.
	SureSelect Post-Capture	No specific data.
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	Primer Mix SureSelect XT HS Index Primer A01-H04	No specific data.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No specific data.
Incompatible materials	: End Repair-A Tailing Enzyme Mix	May react or be incompatible with oxidizing materials.
	End Repair-A Tailing Buffer	May react or be incompatible with oxidizing materials.
	T4 DNA Ligase Ligation Buffer	May react or be incompatible with oxidizing materials. 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 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	May react or be incompatible with oxidizing materials.
	SureSelect Post-Capture Primer Mix	May react or be incompatible with oxidizing materials.
	SureSelect XT HS Index Primer A01-H04	May react or be incompatible with oxidizing materials.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	May react or be incompatible with oxidizing materials.
Hazardous decomposition products	: End Repair-A Tailing Enzyme Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	End Repair-A Tailing Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be
	T4 DNA Ligase	produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Ligation Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Adaptor Oligo Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Forward Primer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	100 mM dNTP Mix (25 mM each dNTP)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Herculase II Fusion DNA	Under normal conditions of storage and use,

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	produced.
5X Herculase II Reaction	Under normal conditions of storage and use,
Buffer	hazardous decomposition products should not be
	produced.
SureSelect Binding Buffer	Under normal conditions of storage and use,
	hazardous decomposition products should not be
	produced.
SureSelect Wash Buffer 1	Under normal conditions of storage and use,
	hazardous decomposition products should not be
	produced.
SureSelect Wash Buffer 2	Under normal conditions of storage and use,
	hazardous decomposition products should not be
	produced.
SureSelect XT HS and XT	Under normal conditions of storage and use,
Low Input Blocker Mix	hazardous decomposition products should not be
	produced.
SureSelect Fast	Under normal conditions of storage and use,
Hybridization Buffer	hazardous decomposition products should not be
Owne Oala at DNIa a a Dla ala	produced.
SureSelect RNase Block	Under normal conditions of storage and use,
	hazardous decomposition products should not be
SureSelect Post-Capture	produced. Under normal conditions of storage and use,
Primer Mix	hazardous decomposition products should not be
	produced.
SureSelect XT HS Index	Under normal conditions of storage and use,
Primer A01-H04	hazardous decomposition products should not be
	produced.
SSel XT HS and XT Low	Under normal conditions of storage and use,
Input Cancer All-In-One	hazardous decomposition products should not be
Lung, 96 Reactions	produced.

# Section 11. Toxicological information

### Information on toxicological effects

### Acute toxicity

Product/ingredient name	Result	Spec	ies Dose	Exposure	
<b>End Repair-A Tailing Enzyme Mix</b> Glycerol	LD50 Oral	Rat	12600 mg/k	(g -	
End Repair-A Tailing Buffer					
Potassium chloride	LD50 Oral	Rat	2600 mg/kg	<b>j</b> -	
<b>T4 DNA Ligase</b> Glycerol	LD50 Oral	Rat	12600 mg/k	kg -	
Ligation Buffer Glycerol	LD50 Oral	Rat	12600 mg/k	kg -	
Herculase II Fusion DNA Polymerase Glycerol	LD50 Oral	Rat	12600 mg/k	(g -	
5X Herculase II Reaction Buffer					
Trometamol	LD50 Dermal	Rat	>5000 mg/k		
Ammonium sulphate	LD50 Oral	Rat	2840 mg/kg	<b>j</b> -	

Hexadecan-1-ol, ethoxylated	LD50 Oral	Rat	2500 mg/kg	-		
SureSelect Binding Buffer Sodium chloride	LD50 Oral	Rat	3000 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 and XT Low Input Cancer All-In-One Lung, 96 Reactions						
Glycerol	LD50 Oral	Rat	12600 mg/kg	-		

### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
End Repair-A Tailing					
Enzyme Mix					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
End Repair-A Tailing					
Buffer					
Potassium chloride	Eyes - Mild irritant	Rabbit	_	24 hours 500	_
	Lycs wind initiant	Rubbit		mg	
				ing	
T4 DNA Ligase					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
- 5	,			mg	
	Skin - Mild irritant	Rabbit	_	24 hours 500	-
				mg	
Ligation Buffer					
Polyethylene glycol	Eyes - Mild irritant	Rabbit	_	24 hours 500	_
				mg	
	Eyes - Mild irritant	Rabbit	_	500 mg	_
	Skin - Mild irritant	Rabbit	_	24 hours 500	_
		T CLODIC		mg	
	Skin - Mild irritant	Rabbit		500 mg	
Glycerol	Eyes - Mild irritant	Rabbit		24 hours 500	
Giycelol	Lyes - Mild Initalit	Tabbit	-	mg	-
	Skin - Mild irritant	Rabbit		24 hours 500	
	Skill - Mild Initalit	Tabbit	-		-
				mg	
Herculase II Fusion DNA					
Polymerase					
Glycerol	Even Mild irritent	Rabbit		24 hours 500	
Giyceroi	Eyes - Mild irritant	Rabbit	-		-
	Skin - Mild irritant	Dabbit		mg	
	Skin - Milu Initant	Rabbit	-	24 hours 500	-
				mg	
5X Herculase II Reaction					
ate of issue/Date of revision	: 04/19/2022 Date of J	previous issue	: 03/07/2022	1/2/2	ion : 3.1 60

Section 11. Toxico	nogical informat	1011			
Buffer					
Trometamol	Skin - Moderate irritant	Rabbit	_	25 %	-
	Skin - Severe irritant	Rabbit	_	500 mg	-
				eeeg	
SureSelect Binding Buffer					
Sodium chloride	Eyes - Moderate irritant	Rabbit	_	24 hours 100	_
		1 CODDIC		mg	
	Eyes - Moderate irritant	Rabbit		10 mg	_
	Skin - Mild irritant	Rabbit		24 hours 500	_
		Rubbit		mg	
				ing	
SureSelect Wash Buffer 1					
Sodium dodecyl sulphate	Eyes - Mild irritant	Rabbit		250 ug	
	Eyes - Moderate irritant	Rabbit	-	24 hours 100	-
		Tabbit	-		-
	Even Mederate irritent	Rabbit		mg	
	Eyes - Moderate irritant Skin - Mild irritant		-	10 mg 24 hours 25	-
		Guinea pig	-		-
	Skin Modorata irritant	Mouree		mg 24 hours 25	
	Skin - Moderate irritant	Mouse	-	24 hours 25	-
	Skip Mild irritant	Dabbit		mg	
	Skin - Mild irritant	Rabbit	-	24 hours 50	-
	Chin Madanata invitant	Dahkit		mg	
	Skin - Moderate irritant	Rabbit	-	24 hours 25	-
				mg	
Ourse Cale of Weak Duffer O					
SureSelect Wash Buffer 2		<b>D</b> 11 11		050	
Sodium dodecyl sulphate	Eyes - Mild irritant	Rabbit	-	250 ug	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 100	-
		<b>D</b> 11 11		mg	
	Eyes - Moderate irritant	Rabbit	-	10 mg	-
	Skin - Mild irritant	Guinea pig	-	24 hours 25	-
				mg	
	Skin - Moderate irritant	Mouse	-	24 hours 25	-
				mg	
	Skin - Mild irritant	Rabbit	-	24 hours 50	-
				mg	
	Skin - Moderate irritant	Rabbit	-	24 hours 25	-
				mg	
SureSelect RNase Block		<b></b>			
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
SSel XT HS and XT Low					
Input Cancer All-In-One					
Lung, 96 Reactions					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
Soncitization	•	•	•		-

**Sensitization** 

Not available.

### **Mutagenicity**

**Conclusion/Summary** : Not available. **Carcinogenicity** 

**Conclusion/Summary** : Not available.

Reproductive toxicity

**Conclusion/Summary** : Not available.

**Teratogenicity** 

**Conclusion/Summary** : Not available.

### Specific target organ toxicity (single exposure)

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

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

Not available.

### **Aspiration hazard**

Not available.

Information on the likely routes of exposure	: End Repair-A Tailing Enzyme Mix	Routes of entry anticipated: Oral, Dermal, Inhalation.
·	End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP)	Routes of entry anticipated: Oral, Dermal, Inhalation. Routes of entry anticipated: Oral, Dermal, Inhalation. Routes of entry anticipated: Oral, Dermal, Inhalation. Not available. Not available. Not available.
	Herculase II Fusion DNA Polymerase	Routes of entry anticipated: Oral, Dermal, Inhalation.
	5X Herculase II Reaction Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT Low Input Blocker Mix	Not available.
	SureSelect Fast Hybridization Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
	SureSelect RNase Block	Routes of entry anticipated: Oral, Dermal, Inhalation.
	SureSelect Post-Capture Primer Mix	Not available.
	SureSelect XT HS Index Primer A01-H04	Not available.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not available.

#### Potential acute health effects

Eye contact		
Lyccontact	: End Repair-A Tailing Enzyme Mix	Causes eye irritation.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	Causes eye irritation.
	Ligation Buffer	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 dNTP)	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	Causes eye irritation.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block	Causes eye irritation.
	SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards.
	SureSelect XT HS Index Primer A01-H04	No known significant effects or critical hazards.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No known significant effects or critical hazards.
Inhalation	: End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known aignifiaant affacta ar critical bazarda
		No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	Forward Primer 100 mM dNTP Mix (25 mM each dNTP)	
	100 mM dNTP Mix (25 mM	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA	No known significant effects or critical hazards. No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer	No known significant effects or critical hazards. No known significant effects or critical hazards.
	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	No known significant effects or critical hazards. No known significant effects or critical hazards.
	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	No known significant effects or critical hazards. No known significant effects or critical hazards.
	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	No known significant effects or critical hazards. No known significant effects or critical hazards.
	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	No known significant effects or critical hazards. No known significant effects or critical hazards.
	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	No known significant effects or critical hazards. No known significant effects or critical hazards.
	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	No known significant effects or critical hazards. No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block	No known significant effects or critical hazards. No known significant effects or critical hazards.
	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	No known significant effects or critical hazards. No known significant effects or critical hazards.
	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-H04	No known significant effects or critical hazards. No known significant effects or critical hazards.
	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	No known significant effects or critical hazards. No known significant effects or critical hazards.

	···J···	
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	No known significant effects or critical hazards.
	each dNTP)	
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards.
	SureSelect XT HS Index Primer A01-H04	No known significant effects or critical hazards.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No known significant effects or critical hazards.
Ingestion	: End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT	No known significant effects or critical hazards.
	Low Input Blocker Mix	
	SureSelect Fast	No known significant effects or critical hazards.
	Hybridization Buffer	No known aignificant affects or critical borards
	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	No known significant effects or critical hazards.
	Primer A01-H04	-
		No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

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:
	Eigetion Dunoi	irritation
		watering
		redness
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM	No specific data.
	each dNTP)	
	Herculase II Fusion DNA Polymerase	Adverse symptoms may include the following:
		irritation
		watering
	EX Haraulaaa II Depatier	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 Input Blocker Mix	No specific data.
	SureSelect Fast Hybridization Buffer	No specific data.
	SureSelect RNase Block	Adverse symptoms may include the following:
		irritation
		watering
		redness
	SureSelect Post-Capture Primer Mix	No specific data.
	SureSelect XT HS Index Primer A01-H04	No specific data.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No specific data.
Inhalation	: End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Herculase II Fusion DNA Polymerase	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT	No specific data.

	egieai internation	
	Low Input Blocker Mix SureSelect Fast	No specific data.
	Hybridization Buffer	
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture	No specific data.
	Primer Mix	
		NI 16 I.I.
	SureSelect XT HS Index	No specific data.
	Primer A01-H04	
	SSel XT HS and XT Low	No specific data.
	Input Cancer All-In-One	•
	Lung, 96 Reactions	
Skin contact :	End Repair-A Tailing	No specific data.
	Enzyme Mix	·
	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	No specific data.
	each dNTP)	
	Herculase II Fusion DNA	No specific data.
	Polymerase	·
	5X Herculase II Reaction	No specific data.
		No specific data.
	Buffer	
	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	No specific data.
		No specific data.
	Low Input Blocker Mix	
	SureSelect Fast	No specific data.
	Hybridization Buffer	
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture	No specific data.
	Primer Mix	
	SureSelect XT HS Index	No specific data.
	Primer A01-H04	
	SSel XT HS and XT Low	No specific data.
		No specific data.
	Input Cancer All-In-One	
	Lung, 96 Reactions	
Ingestion :	End Repair-A Tailing	No specific data.
	Enzyme Mix	Na ana 20 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	No specific data.
	each dNTP)	
	Herculase II Fusion DNA	No specific data.
	Polymerase	-
	5X Herculase II Reaction	No specific data.
	Buffer	
	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	No specific data.
	Low Input Blocker Mix	
		No enceifie data
	SureSelect Fast	No specific data.
	Hybridization Buffer	
	SureSelect RNase Block	No specific data.
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	SureSelect Post-Capture Primer Mix	No specific data.
	SureSelect XT HS Index Primer A01-H04	No specific data.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No specific data.
Delayed and immediate effect	ts and also chronic effects fro	m short and long term exposure
<u>Short term exposure</u>		
Potential immediate effects	: Not available.	
Potential delayed effects	: Not available.	
<u>Long term exposure</u>		
Potential immediate effects	: Not available.	
Potential delayed effects	: Not available.	
Potential chronic health effe	ects	
General	: End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer Adaptor Oligo Mix	No known significant effects or critical hazards. No known significant effects or critical hazards.
	Forward Primer	No known significant effects of critical hazards.
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast 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-H04	No known significant effects or critical hazards.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No known significant effects or critical hazards.
Carcinogenicity	: End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix Forward Primer	No known significant effects or critical hazards. No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM	No known significant effects or critical hazards.
	each dNTP) Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	
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	egical internation	
	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	No known significant effects or critical hazards.
		NO KHOWH SIGNIFICANT ENECTS OF CHILCAI NAZARUS.
	Low Input Blocker Mix	No known aignificant offacto ar critical bazarda
	SureSelect Fast	No known significant effects or critical hazards.
	Hybridization Buffer	
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture	No known significant effects or critical hazards.
	Primer Mix	
	SureSelect XT HS Index	No known significant effects or critical hazards.
	Primer A01-H04	
	SSel XT HS and XT Low	No known significant effects or critical hazards.
	Input Cancer All-In-One	
	Lung, 96 Reactions	
Mutagenicity	End Repair-A Tailing	No known significant effects or critical hazards.
Mutagementy	Enzyme Mix	No known significant enects of childar 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	No known significant effects or critical hazards.
	each dNTP)	
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	
	5X Herculase II Reaction	No known significant effects or critical hazards.
	Buffer	
	SureSelect Binding 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	No known significant effects or critical hazards.
	Low Input Blocker Mix	
	SureSelect Fast	No known significant effects or critical hazards.
	Hybridization Buffer	C C
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture	No known significant effects or critical hazards.
	Primer Mix	5
	SureSelect XT HS Index	No known significant effects or critical hazards.
	Primer A01-H04	5
	SSel XT HS and XT Low	No known significant effects or critical hazards.
	Input Cancer All-In-One	
	Lung, 96 Reactions	
Denneductive terrisity	-	No known cignificant offects on oritical beyonds
Reproductive toxicity	End Repair-A Tailing	No known significant effects or critical hazards.
	Enzyme Mix	No lucation district and affects an aritical barranda
	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	No known significant effects or critical hazards.
	each dNTP)	
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	
	5X Herculase II Reaction	No known significant effects or critical hazards.
	Buffer	
	SureSelect Binding 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	No known significant effects or critical hazards.
Low Input Blocker Mix	
SureSelect Fast	No known significant effects or critical hazards.
Hybridization Buffer	
SureSelect RNase Block	No known significant effects or critical hazards.
SureSelect Post-Capture	No known significant effects or critical hazards.
Primer Mix	
SureSelect XT HS Index	No known significant effects or critical hazards.
Primer A01-H04	
SSel XT HS and XT Low	No known significant effects or critical hazards.
Input Cancer All-In-One	
Lung, 96 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/l)
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
<b>Ligation Buffer</b> Polyethylene glycol Glycerol	28000 12600	N/A N/A	N/A N/A	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 Ammonium sulphate Hexadecan-1-ol, ethoxylated	107739 2840 2500	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A
<b>SureSelect Binding Buffer</b> SureSelect Binding Buffer Sodium chloride	51369.9 3000	N/A N/A	N/A N/A	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
SSeI XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions Glycerol	12600	N/A	N/A	N/A	N/A

Date of issue/Date of revision

s issue : (

: 03/07/2022

Other information	: End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing Buffer	Adverse symptoms may include the following: May cause skin sensitization.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase IÍ Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT Low Input Blocker Mix	Not available.
	SureSelect Fast Hybridization Buffer	Not available.
	SureSelect RNase Block	Adverse symptoms may include the following: May cause skin sensitization.
	SureSelect Post-Capture Primer Mix	Not available.
	SureSelect XT HS Index Primer A01-H04	Not available.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not available.

# Section 12. Ecological information

### **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 1337000 µg/l Fresh water	Algae - Navicula seminulum	96 hours
	Acute EC50 9.24 g/L Fresh water	Algae - Desmodesmus subspicatus	72 hours
	Acute EC50 83000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 9.68 mg/l Fresh water	Crustaceans - Pseudosida ramosa - Neonate	48 hours
	Acute LC50 509.65 mg/l Fresh water	Fish - Danio rerio	96 hours
T4 DNA Ligase			
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
Ligation Buffer			
Polyethylene glycol	Acute LC50 >1000000 µg/l Fresh water	Fish - Salmo salar - Parr	96 hours
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
Herculase II Fusion DNA Polymerase			
Date of issue/Date of revision	: 04/19/2022 Date of previous issue	: 03/07/2022 Version	: 3.1 70/7

# Section 12 Ecological informativ

SX Herculase II Reaction Buffer Trometamol       Acute EC50 >980 mg/l Fresh water Acute NOEC 520 mg/l Fresh water Chronic NOEC 7.5 mg/l Marine water       Daphnia Daphnia Acute LC50 330000 to 1000000 µg/l Marine water       Baphnia Acute LC50 330000 to 1000000 µg/l Marine water       Daphnia Acute LC50 330000 to 1000000 µg/l Marine water       Daphnia Acute LC50 2430000 µg/l Fresh water Acute EC50 2430000 µg/l Fresh water Acute EC50 519.6 mg/l Fresh water Acute EC50 519.6 mg/l Fresh water Acute EC50 519.6 mg/l Fresh water Acute EC50 062.6 mg/l Fresh water Acute EC50 062.7 g/l Fresh water Acute EC50 01200 µg/l Fresh water Chronic NOEC 6 g/l Fresh water Chronic NOEC 6 g/l Fresh water Chronic NOEC 6 100000 µg/l Fresh water Chronic NOEC 6 100000 µg/l Fresh water Chronic NOEC 6 100 mg/l Fresh water Acute LC50 1200 µg/l Marine water Acute LC50 1200 µg/l Marine water Acute LC50 1200 µg/l Marine water Acute LC50 1200 µg/l Fresh water Chronic NOEC 1 25 mg/l Marine water Acute LC50 1400 µg/l Fresh water Chronic NOEC 1 25 mg/l Marine water Acute LC50 1200 µg/l Fresh water Chronic NOEC 2 125 mg/l Marine water Acute LC50 1200 µg/l Fresh water Chronic NOEC 2 125 mg/l Marine water Acute LC50 1200 µg/l Fresh water Chronic NOEC 2 125 mg/l Marine water Acute LC50 1200 µg/l Fresh water Chronic NOEC 2 125 mg/l Marine water Acute LC50 1200 µg/l Fresh water Chronic NOEC 2 125 mg/l Marine water Acute LC50 1200 µg/l Fresh water Chronic NOEC 2 125 mg/l Marine water Acute LC50 1200 µg/l Fresh water Chronic NOEC 2 125 mg/l Marine water Acute LC50 1200 µg/l Fresh water Chronic NOEC 1 25 mg/l Marine water Acute LC50 1200 µg/l Fresh water Chronic NOEC 2 125 mg/l Marine water Acute LC50 1200 µg/l Fresh water Chronic NOEC 2 125 mg/l Marine water Acute LC50 1200 µg/l Fresh water Chronic NOEC 1 25 mg/l Fresh water Chronic NOEC 1 25	Section 12. Ecolog			
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Sodium dodecyl sulphateAcute EC50 1200 μg/l Marine water Acute LC50 900 μg/l Marine waterAlgae - Skeletonema costatum Crustaceans - Artemia salina - Adult96 ho 48 ho 48 ho AdultAcute LC50 1400 μg/l Fresh water Acute LC50 590 μg/l Fresh water Chronic NOEC 1.25 mg/l Marine water Chronic NOEC 1 mg/l Fresh water Chronic NOEC 3.2 mg/l Fresh waterAlgae - Skeletonema costatum Crustaceans - Artemia salina - Adult96 ho 48 ho 48 ho AdultSureSelect RNase BlockAcute EC50 1200 μg/l Marine water Chronic NOEC >1357 μg/l Fresh waterFish - Pimephales promelas21 da 42 da	SureSelect Wash Buffer 2			
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Chronic NOEC >1357 µg/l Fresh water Neonate SureSelect RNase Block 42 da		Chronic NOEC 1 mg/l Fresh water		21 days
SureSelect RNase Block		Chronic NOEC 3.2 mg/l Fresh water		21 days
		Chronic NOEC >1357 µg/l Fresh water	Fish - Pimephales promelas	42 days
		Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
SSeI XT HS and XT Low Input Cancer All-In-One				

	-		
Lung, 96 Reactions			
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours

### Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
End Repair-A Tailing Enzyme Mix Glycerol	301D Ready	93 % - 30 days	-	-
	Biodegradability - Closed Bottle Test			
<b>T4 DNA Ligase</b> Glycerol	301D Ready	93 % - 30 days	-	-
	Biodegradability - Closed Bottle Test			
Ligation Buffer Polyethylene glycol	OECD 301D	74.85 % - Readily - 28 days	4 mg/l	_
	Ready Biodegradability - Closed Bottle Test			
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	-	-
5X Herculase II Reaction Buffer				
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	95 % - Readily - 28 days	20 mg/l	Activated sludge
	Ready Biodegradability - CO <sub>2</sub> Evolution Test	93 /0 - Readiny - 20 days	20 119/1	Activated sludge
SureSelect Wash Buffer 2		05 % Readily 28 days	20 mg/l	
Sodium dodecyl sulphate	OECD 301B Ready Biodegradability - CO <sub>2</sub> Evolution Test	95 % - Readily - 28 days	20 mg/l	Activated sludge
Date of issue/Date of revision	: 04/19/2022	ate of previous issue : 03/07/	/2022 V	ersion : 3.1 72/76

Section 12. Ecolog	gical morn	lation			
SureSelect RNase Block Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days		-	-
SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days		-	-
Product/ingredient name	Aquatic half-life		Photolysis	5	Biodegradability
End Repair-A Tailing Buffer Potassium chloride	-		-		Readily
Ligation Buffer Polyethylene glycol	-		-		Readily
<b>5X Herculase II Reaction Buffer</b> Trometamol Ammonium sulphate	-		-		Readily Readily
Hexadecan-1-ol, ethoxylated	-		-		Readily
SureSelect Wash Buffer 1 Sodium dodecyl sulphate	-		-		Readily
SureSelect Wash Buffer 2 Sodium dodecyl sulphate	-		-		Readily

### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
End Repair-A Tailing Enzyme Mix Glycerol	-1.76	-	low
End Repair-A Tailing Buffer Potassium chloride	-0.46	-	low
<b>T4 DNA Ligase</b> Glycerol	-1.76	-	low
Ligation Buffer Polyethylene glycol Glycerol	- -1.76	3.2	low low
Herculase II Fusion DNA Polymerase Glycerol	-1.76	-	low
5X Herculase II Reaction Buffer Trometamol	-2.31	-	low
Date of issue/Date of revision	: 04/19/2022 Date of previou	is issue : 03/07/2022	Version : 3.1 73/76

SureSelect XT HS Reagent Kit, index 1-32 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9706R

Section 12. Ecological information				
Ammonium sulphate	-5.1	-	low	
SureSelect Wash Buffer 1 Sodium dodecyl sulphate	-2.03	-	low	
SureSelect Wash Buffer 2 Sodium dodecyl sulphate	-2.03	-	low	
SureSelect RNase Block Glycerol	-1.76	-	low	
SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions				
Glycerol	-1.76	-	low	

### **Mobility in soil**

Soil/water partition	: Not
coefficient (Koc)	

: Not available.

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

### Section 13. Disposal considerations

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

### Section 14. Transport information

TDG / IMDG / IATA : Not regulated.

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

### Canadian lists Canadian NPRI

- : None of the components are listed.
- **CEPA Toxic substances** : None of the components are listed.

International regulations

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

Date of issue/Date of revision

## Section 15. Regulatory information

### **Montreal Protocol**

Not listed.

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

### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

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

Not listed.

### **Inventory list**

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

## Section 16. Other information

<u>History</u>	
Date of issue/Date of revision	: 04/19/2022
Date of previous issue	: 03/07/2022
Version	: 3.1
Key to abbreviations	: ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals HPR = Hazardous Products Regulations IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available UN = United Nations
Due a solution and the should be the	

#### Procedure used to derive the classification

## Section 16. Other information

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	

References

: Not available.

✓ 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-H04: 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, 5190-9740, 5190-9741, 5190-9742, 5190-9743, 5190-9744, 5190-9745, 5190-9746, 5190-9747, 5190-9748, 5190-9749, 5190-9750, 5190-9751, 5190-9752, 5190-9753, 5190-9754, 5190-9755