SAFETY DATA SHEET



SureSelect XT Low Input Reagent Kit, index 97-192 + Human All Exon V7 Plus 1 Target Enrichment Baits, 96 rxn, auto, Part Number G9508P

Section 1. Identification

Product identifier	: SureSelect XT Low Input Reagent Kit, index 97-192 + Human All Exon V7 Plus 1 Target Enrichment Baits, 96 rxn, auto, Part Number G9508P	
Part no. (chemical kit)	: G9508P	
Part no.	: <u>SureSelect XT HS and XT Low Input Library</u> <u>5500-0140</u> <u>Prep Kit for ILM (Pre PCR), 96 Rxn</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	
	<u>SureSelect XT HS and XT Low Input Library 5500-0140 / 5190-9686</u> Prep Kit for ILM (Pre PCR), 96 Rxn /	
	SureSelect XT HS and XT Low Input Target Enrichment Kit, ILM Hyb Module, Box 2 (Post	
	<u>PCR), 96 Rxn</u>	
	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 and XT Low Input Target 5190-9687	
	<u>Enrichment Kit, ILM Hyb Module, Box 1 (Post</u>	
	<u>PCR), 96 Rxn</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 5190-9686	
	<u>Enrichment Kit, ILM Hyb Module, Box 2 (Post</u> <u>PCR), 96 Rxn</u>	
	SureSelect XT HS and XT Low Input Blocker 5190-9534 Mix	
	SureSelect Fast Hybridization Buffer 5190-7330	
	SureSelect RNase Block 5972-3700	
	SureSelect Post-Capture Primer Mix 5190-9732	
	SureSelect XT Low Input Index Primers 5190-6445 97-192 for ILM (Pre PCR)	
	SureSelect XT Low Input Index Bulk Set 2 Various* A01-H12	
	SSEL XT HS and XT Low Input Custom 5190-9927 / 5190-9928 / 5190-9929	
	Capture Library / 5190-9930 / 5190-9931 /	
	5190-9943 / 5190-9950 / 5190-9952	
	/ 5190-9945 / 5190-9954 /	
	5190-9947	
	<u>SSel XT Low Input Human All Exon V7 Plus 5191-4051</u> <u>1, 96 Reactions Automation</u>	
	SSel XT Low Input Human All Exon V7 Plus 5191-4051	
	1, 96 Reactions Automation	
Material uses	: Analytical reagent.	
	For Research Use Only. Not for use in diagnostic procedures.	

Section 1. Identification

	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
	SureSelect Wash Buffer 2	144 ml
	SureSelect XT HS and XT Low Input Blocker Mix	0.64 ml (96 reactions)
	SureSelect Fast Hybridization Buffer	0.918 ml
	SureSelect RNase Block	0.08 ml
	SureSelect Post-Capture Primer Mix	0.14 ml (96 reactions)
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	96 x 0.01 ml (96 reactions)
	SSEL XT HS and XT Low Input Custom Capture Library	0.192 - 0.48 ml (96 reactions)
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	0.68 ml (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 Low Input Index Bulk Set 2 A01-H ² 5190-3904, 5190-3905, 5190-3906, 5190-3907, 5190 5190-3912, 5190-3913, 5190-3914, 5190-3915, 5190 5190-3920, 5190-3921, 5190-3922, 5190-3923, 5190 5190-3928, 5190-3929, 5190-3930, 5190-3931, 5190 5190-3936, 5190-3937, 5190-3938, 5190-3939, 5190 5190-3944, 5190-3945, 5190-3946, 5190-3947, 5190 5190-3952, 5190-3953, 5190-3954, 5190-3955, 5190 5190-3960, 5190-3961, 5190-3962, 5190-3963, 5190 5190-3968, 5190-3969, 5190-3970, 5190-3971, 5190 5190-3976, 5190-3977, 5190-3978, 5190-3979, 5190 5190-3984, 5190-3985, 5190-3986, 5190-3987, 5190 5190-3984, 5190-3985, 5190-3986, 5190-3985, 5190 5190-3992, 5190-3993, 5190-3994, 5190-3995, 5190	-3908, 5190-3909, 5190-3910, 5190-3911, -3916, 5190-3917, 5190-3918, 5190-3919, -3924, 5190-3925, 5190-3926, 5190-3927, -3932, 5190-3933, 5190-3934, 5190-3935, -3940, 5190-3941, 5190-3942, 5190-3943, -3948, 5190-3949, 5190-3950, 5190-3951, -3956, 5190-3957, 5190-3958, 5190-3959, -3964, 5190-3965, 5190-3966, 5190-3967, -3972, 5190-3973, 5190-3974, 5190-3975, -3980, 5190-3981, 5190-3982, 5190-3983, -3988, 5190-3989, 5190-3990, 5190-3991,

Classification of the substa	<u>nce or mixture</u>		
End Repair-A Tailing Enzyme Mix H320	EYE IRRITATION - Category 2B		
T4 DNA Ligase H320	EYE IRRITATION - Category 2B		
Ligation Buffer H320	EYE IRRITATION - Category 2B		
Herculase II Fusion DNA Polymerase			
Date of issue/Date of revision	: 04/19/2022 Date of previous issue	: 03/04/2022	Version : 4.1 2/80

SuroSolect RNase Block H320 EYE IRRITATION - Category 2B GHS label elements Signal word End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Warning No signal word. T4 DNA Ligase Forward Primer No signal word. Forward Primer No signal word. Buffer No signal word. Polymerase No signal word. SUreSelect Mash Buffer 1 No signal word. SureSelect Wash Buffer 1 No signal word. SureSelect Wash Buffer 1 No signal word. SureSelect Mash Buffer 1 No signal word. SureSelect XT HS and XTL Low Input Blocker Mix SureSelect AT Low Input Buffer SureSelect RNase Block No signal word. SureSelect XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation No signal word. Hazard statements End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase H320 - Causes eye irritation. T4 DNA Ligase Ligation Buffer Hazard statements End Repair-A Tailing Buffer T4 DNA Ligase No known significant effects or critical hazards. No known significant effects or critical ha	Section 2. Hazaru		
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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			No known significant effects or critical hazards.
SureSelect Fast No known significant effects or critical hazards. Hybridization Buffer		SureSelect Fast	No known significant effects or critical hazards.
SureSelect RNase Block H320 - Causes eye irritation.		SureSelect RNase Block	
SureSelect Post-Capture No known significant effects or critical hazards. Primer Mix			

	SureSelect XT Low Input Index Bulk Set 2 A01-H12	No known significant effects or critical hazards.
	SSEL XT HS and XT Low Input Custom Capture Library	No known significant effects or critical hazards.
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	No known significant effects or critical hazards.
Precautionary statements		
Prevention	: End Repair-A Tailing Enzyme Mix	Not applicable.
	End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	Not applicable.
	Ligation Buffer	Not applicable.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer	Not applicable.
	100 mM dNTP Mix (25 mM each dNTP)	Not applicable.
	Herculase II Fusion DNA Polymerase	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT	Not applicable.
	Low Input Blocker Mix SureSelect Fast	Not applicable.
	Hybridization Buffer	Notappliashla
	SureSelect RNase Block SureSelect Post-Capture Primer Mix	Not applicable. Not applicable.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	Not applicable.
	SSEL XT HS and XT Low Input Custom Capture Library	Not applicable.
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	Not applicable.
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 T4 DNA Ligase	Not applicable. 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 Forward Primer	Not applicable. Not applicable.
	100 mM dNTD Mix (25 mM	Not applicable
	100 mM dNTP Mix (25 mM each dNTP)	Not applicable.
	100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase	Not applicable. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

	lenses, it present and easy to do. Continue rinsing P337 + P313 - If eye irritation persists: Get medic	
	advice or attention.	u
	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 cautiou with water for several minutes. Remove contact	sly
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	SSEL XT HS and XT Low Not applicable.	
	Input Custom Capture Library	
	SSel XT Low Input Human Not applicable. All Exon V7 Plus 1, 96 Reactions Automation	
Otomore		
Storage	: 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 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 Low Input Not applicable.	
	Index Bulk Set 2 A01-H12	
	Index Bulk Set 2 A01-H12 SSEL XT HS and XT Low Not applicable.	
	Index Bulk Set 2 A01-H12 SSEL XT HS and XT Low Not applicable. Input Custom Capture Library	
	Index Bulk Set 2 A01-H12 SSEL XT HS and XT Low Not applicable. Input Custom Capture Library SSel XT Low Input Human Not applicable.	
	Index Bulk Set 2 A01-H12 SSEL XT HS and XT Low Not applicable. Input Custom Capture Library	

		NL 4 A A A A A A A A A A A A A A A A A A
Disposal	: End Repair-A Tailing Enzyme Mix	Not applicable.
	End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	Not applicable.
	Ligation Buffer	Not applicable.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer	Not applicable.
	100 mM dNTP Mix (25 mM each dNTP)	Not applicable.
	Herculase II Fusion DNA Polymerase	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT Low Input Blocker Mix	Not applicable.
	SureSelect Fast Hybridization Buffer	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Post-Capture Primer Mix	Not applicable.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	Not applicable.
	SSEL XT HS and XT Low Input Custom Capture Library	Not applicable.
	SSel XT Low Input Human	Not applicable.
	All Exon V7 Plus 1, 96 Reactions Automation	····
		None know
Supplemental label elements	: End Repair-A Tailing Enzyme Mix	None known.
GIGIIIGIIIG	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	None known.
	each dNTP) 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 SureSelect XT HS and XT	None known. 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 Low Input Index Bulk Set 2 A01-H12	None known.
	SSEL XT HS and XT Low Input Custom Capture Library	None known.
	SSel XT Low Input Human All Exon V7 Plus 1, 96	None known.
	Reactions Automation	

	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%
	: End Repair-A Tailing	None known.
result in classification	Enzyme Mix	None known
	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)	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	
	SureSelect RNase Block	None known.
	SureSelect Post-Capture	None known.
	Primer Mix	
	SureSelect XT Low Input	None known.
	Index Bulk Set 2 A01-H12	
	SSEL XT HS and XT Low	None known.
	Input Custom Capture Library	
	SSel XT Low Input Human	None known.
	All Exon V7 Plus 1, 96	
	Reactions Automation	

Section 3. Composition/information on ingredients

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

Section 3. Composition/information on ingredients

Primer Mix	
SureSelect XT Low Input	Mixture
Index Bulk Set 2 A01-H12	
SSEL XT HS and XT Low	Mixture
Input Custom Capture Library	
SSel XT Low Input Human	Mixture
All Exon V7 Plus 1, 96	
Reactions Automation	

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	10 - 30	25322-68-3
Glycerol	10 - 30	56-81-5
Herculase II Fusion DNA Polymerase		
Glycerol	30 - 60	56-81-5
5X Herculase II Reaction Buffer		
Trometamol	1 - 5	77-86-1
Ammonium sulphate	0.5 - 1.5	7783-20-2
Hexadecan-1-ol, ethoxylated	0.1 - 1	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
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 Custom Capture Library		
Glycerol	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 fir	<u>st 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,
	End Repair-A Tailing 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
	T4 DNA Ligase	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue
	Ligation Buffer	to rinse for at least 10 minutes. If irritation persists, get medical attention. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue
	Adaptor Oligo Mix	to rinse for at least 10 minutes. If irritation persists, get medical attention. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get
	Forward Primer	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
	100 mM dNTP Mix (25 mM each dNTP)	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.
	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
	SureSelect Binding Buffer	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get
	SureSelect Wash Buffer 1	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureSelect Wash Buffer 2	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureSelect XT HS and XT Low Input Blocker 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 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
Date of issue/Date of revision	: 04/19/2022 Date of previous i	ssue : 03/04/2022 Version : 4.1 9/80

	SureSelect RNase Block	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If 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 Low Input Index Bulk Set 2 A01-H12	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 Custom Capture Library	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 Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	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 or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such
	Ligation Buffer	as a collar, tie, belt or waistband. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such

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	as a collar, tie, belt or waistband.
Adaptor Oligo Mix	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. Get medical
	attention if symptoms occur.
Forward Primer	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. Get medical
	attention if symptoms occur.
100 mM dNTP Mix (25 mM	Remove victim to fresh air and keep at rest in a
each dNTP)	position comfortable for breathing. Get medical
	attention if symptoms occur. In case of inhalation of
	decomposition products in a fire, symptoms may be
	delayed. The exposed person may need to be kept
	under medical surveillance for 48 hours.
Herculase II Fusion DNA	Remove victim to fresh air and keep at rest in a
Polymerase	position comfortable for breathing. If not breathing, if
	breathing is irregular or if respiratory arrest occurs,
	provide artificial respiration or oxygen by trained
	personnel. It may be dangerous to the person
	providing aid to give mouth-to-mouth resuscitation.
	Get medical attention if adverse health effects persist
	or are severe. If unconscious, place in recovery
	position and get medical attention immediately.
	Maintain an open airway. Loosen tight clothing such
	as a collar, tie, belt or waistband.
5X Herculase II Reaction	Remove victim to fresh air and keep at rest in a
Buffer	position comfortable for breathing. Get medical
	attention if symptoms occur. In case of inhalation of
	decomposition products in a fire, symptoms may be
	delayed. The exposed person may need to be kept
	under medical surveillance for 48 hours.
SureSelect Binding Buffer	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. Get medical
	attention if symptoms occur.
SureSelect Wash Buffer 1	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. Get medical
	attention if symptoms occur.
SureSelect Wash Buffer 2	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect XT HS and XT	
Low Input Blocker Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical
Low Input Blocker Mix	attention if symptoms occur.
SureSelect Fast	Remove victim to fresh air and keep at rest in a
Hybridization Buffer	position comfortable for breathing. Get medical
	attention if symptoms occur. In case of inhalation of
	decomposition products in a fire, symptoms may be
	delayed. The exposed person may need to be kept
	under medical surveillance for 48 hours.
SureSelect RNase Block	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. If not breathing, if
	breathing is irregular or if respiratory arrest occurs,
	provide artificial respiration or oxygen by trained
	personnel. It may be dangerous to the person
	providing aid to give mouth-to-mouth resuscitation.
	Get medical attention if adverse health effects persist
	or are severe. If unconscious, place in recovery
	position and get medical attention immediately.
	Maintain an open airway. Loosen tight clothing such
	as a collar, tie, belt or waistband.
SureSelect Post-Capture	Remove victim to fresh air and keep at rest in a

	Primer Mix	position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SSEL XT HS and XT Low Input Custom Capture Library	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact :	End Repair-A Tailing Enzyme Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing
	End Repair-A Tailing Buffer	before reuse. Clean shoes thoroughly before reuse. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get
	T4 DNA Ligase	medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get
	Ligation Buffer	medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing
	Adaptor Oligo Mix	before reuse. Clean shoes thoroughly before reuse. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Forward Primer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get
	100 mM dNTP Mix (25 mM each dNTP)	medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Herculase II Fusion DNA Polymerase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing
	5X Herculase II Reaction Buffer	before reuse. Clean shoes thoroughly before reuse. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect Binding Buffer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect Wash Buffer 1	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect Wash Buffer 2	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect XT HS and XT Low Input Blocker Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect Fast	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
	04/10/2022 Data of provious is	medical attention if symptoms occur. Wash clothing

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	SureSelect Post-Capture Primer Mix	before reuse. Clean shoes thoroughly before reuse. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SSEL XT HS and XT Low Input Custom Capture Library	Flush contaminated skin with plenty of water.
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	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 personnel. Get medical attention if symptoms occur.
	T4 DNA Ligase	Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen 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 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 symall quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. 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. 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. Wash out mouth with water. For 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 cocurs, 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 tipt clothing such as a collar, the belt or waistband. St 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. St 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 medici attentio	-			
 100 mM dNTP Mix (25 mM each dNTP) 100 mM each dNTP) 100 mM each dNTP) 100 mM each dNTP 100 mM each dNTP) 100 mM each dNTP 100 mM each dNTP) 100 mM each dNTP 100 mA each dNTP 100 mA			swallowed and the exposed small quantities of water to vomiting unless directed to personnel. Get medical atte Wash out mouth with water swallowed and the exposed small quantities of water to	d person is conscious, give drink. Do not induce do so by medical ention if symptoms occur. . If material has been d person is conscious, give drink. Do not induce
Herculase II Fusion DNA PolymeraseWash 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 lows oo 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 BufferWash 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 1Wash 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 2Wash 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 MixGet medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless			personnel. Get medical atte Wash out mouth with water swallowed and the exposed small quantities of water to vomiting unless directed to	ention if symptoms occur. . If material has been I person is conscious, give drink. Do not induce do so by medical
 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 Fast Hybridization Buffer SureSelect RNase Block SureSelect RNase Block SureSelect RNase Block SureSelect RNase Block 			Wash out mouth with water If material has been swallow person is conscious, give su drink. Stop if the exposed p vomiting may be dangerous unless directed to do so by vomiting occurs, the head s vomit does not enter the lur if adverse health effects per give anything by mouth to a unconscious, place in recov medical attention immediate airway. Loosen tight clothin	. Remove dentures if any. wed and the exposed mall quantities of water to berson feels sick as be not induce vomiting medical personnel. If should be kept low so that ngs. Get medical attention rsist or are severe. Never in unconscious person. If very position and get ely. Maintain an open
SureSelect Binding BufferWash 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 1Wash 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 2Wash 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 MixWash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.SureSelect Fast Hybridization BufferWash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.SureSelect Fast Hybridization BufferWash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.SureSelect Fast Hybridization BufferWash out mouth with water. If material has be			Wash out mouth with water swallowed and the exposed small quantities of water to vomiting unless directed to	l person is conscious, give drink. Do not induce do so by medical
SureSelect Wash Buffer 1Wash 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. 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 MixWash 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. 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. 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. 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. Wash out mouth with water. Remove dentures if any.		SureSelect Binding Buffer	Wash out mouth with water swallowed and the exposed small quantities of water to vomiting unless directed to	. If material has been l person is conscious, give drink. Do not induce do so by medical
SureSelect Wash Buffer 2Wash 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. 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. 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. 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 		SureSelect Wash Buffer 1	Wash out mouth with water swallowed and the exposed small quantities of water to vomiting unless directed to	. If material has been l person is conscious, give drink. Do not induce do so by medical
SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. 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. Wash out mouth with water. Remove dentures if any.		SureSelect Wash Buffer 2	Wash out mouth with water swallowed and the exposed small quantities of water to vomiting unless directed to	. If material has been l person is conscious, give drink. Do not induce do so by medical
SureSelect Fast Hybridization BufferWash 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. Wash out mouth with water. Remove dentures if any.			Wash out mouth with water swallowed and the exposed small quantities of water to vomiting unless directed to	. If material has been l person is conscious, give drink. Do not induce do so by medical
-		Hybridization Buffer	Wash out mouth with water swallowed and the exposed small quantities of water to vomiting unless directed to personnel. Get medical atte	If material has been person is conscious, give drink. Do not induce do so by medical ention if symptoms occur.
				-

	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.
Primer Mix	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	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.
Input Custom Capture Library	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.
All Exon V7 Plus 1, 96 Reactions Automation	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.

Most important symptoms/effects, acute and delayed		
Potential acute health	<u>effects</u>	
Eye contact	: 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.

	ined3uie3	
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	No known significant effects or critical hazards.
	SSEL XT HS and XT Low Input Custom Capture Library	No known significant effects or critical hazards.
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	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 T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards. No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	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. No known significant effects or critical hazards. 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 SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards. No known significant effects or critical hazards.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	No known significant effects or critical hazards.
	SSEL XT HS and XT Low Input Custom Capture Library	No known significant effects or critical hazards.
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	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 T4 DNA Ligase Ligation Buffer	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards. No known significant effects or critical hazards. 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 SureSelect Wash Buffer 1 SureSelect Wash Buffer 2	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
	SureSelect Wash Burler 2 SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block SureSelect Post-Capture	No known significant effects or critical hazards. No known significant effects or critical hazards.

	Primer Mix SureSelect XT Low Input	No known significant effects or critical hazards.
	Index Bulk Set 2 A01-H12	-
	SSEL XT HS and XT Low Input Custom Capture Library	No known significant effects or critical hazards.
	SSel XT Low Input Human All Exon V7 Plus 1, 96	No known significant effects or critical hazards.
ngestion	: Enartiepai Automitien Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast 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 Low Input Index Bulk Set 2 A01-H12	No known significant effects or critical hazards.
	SSEL XT HS and XT Low Input Custom Capture Library	No known significant effects or critical hazards.
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	No known significant effects or critical hazards.
ver-exposure signs/sympt	<u>.0113</u>	
	: End Repair-A Tailing Enzyme Mix	Adverse symptoms may include the following:
	: End Repair-A Tailing	irritation
	: End Repair-A Tailing	irritation watering
	: End Repair-A Tailing Enzyme Mix	irritation watering redness
	: End Repair-A Tailing	irritation watering redness No specific data. Adverse symptoms may include the following:
	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer	irritation watering redness No specific data. Adverse symptoms may include the following: irritation watering
	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase	irritation watering redness No specific data. Adverse symptoms may include the following: irritation watering redness
	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer	irritation watering redness No specific data. Adverse symptoms may include the following: irritation watering redness Adverse symptoms may include the following: irritation
	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase	irritation watering redness No specific data. Adverse symptoms may include the following: irritation watering redness Adverse symptoms may include the following: irritation watering redness
	 End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer 	irritation watering redness No specific data. Adverse symptoms may include the following: irritation watering redness Adverse symptoms may include the following: irritation watering redness
	 End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix 	irritation watering redness No specific data. Adverse symptoms may include the following: irritation watering redness Adverse symptoms may include the following: irritation watering redness No specific data.
	 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 	irritation watering redness No specific data. Adverse symptoms may include the following: irritation watering redness Adverse symptoms may include the following: irritation watering redness
<u>Over-exposure signs/sympt</u> Eye contact	 End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 	irritation watering redness No specific data. Adverse symptoms may include the following: irritation watering redness Adverse symptoms may include the following: irritation watering redness No specific data. No specific data.
	 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) 	irritation watering redness No specific data. Adverse symptoms may include the following: irritation watering redness Adverse symptoms may include the following: irritation watering redness No specific data. No specific data. No specific data.

		watering
		redness
	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	Adverse symptoms may include the following:
		irritation
		watering
		redness
	SureSelect Post-Capture	No specific data.
	Primer Mix	
	SureSelect XT Low Input	No specific data.
	Index Bulk Set 2 A01-H12	
	SSEL XT HS and XT Low	No specific data.
	Input Custom Capture Library	
	SSel XT Low Input Human	No specific data.
	All Exon V7 Plus 1, 96	
	Reactions Automation	
Inhalation :	1 5	No specific data.
	Enzyme Mix	New York 10 - 1 - 6 -
	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)	No execting data
	Herculase II Fusion DNA	No specific data.
	Polymerase 5X Herculase II Reaction	No aposifia data
	Buffer	No specific data.
		No aposifia data
	SureSelect Binding Buffer SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data. No specific data.
	SureSelect XT HS and XT	•
	Low Input Blocker Mix	No specific data.
	SureSelect Fast	No specific data.
	Hybridization Buffer	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture	No specific data.
	Primer Mix	
	SureSelect XT Low Input	No specific data.
	Index Bulk Set 2 A01-H12	
	SSEL XT HS and XT Low	No specific data.
	Input Custom Capture Library	
	SSel XT Low Input Human	No specific data.
	All Exon V7 Plus 1, 96	
	Reactions Automation	

Skin contact :	End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM	No specific data.
	each dNTP)	
	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.
	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 Low Input Index Bulk Set 2 A01-H12	No specific data.
	SSEL XT HS and XT Low	No specific data.
	Input Custom Capture Library	•
	SSel XT Low Input Human	No specific data.
	All Exon V7 Plus 1, 96	
	Reactions Automation	
Ingestion :	End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Herculase II Fusion DNA	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 operific data
	Hybridization Buffer	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture	No specific data.
	Primer Mix	
	SureSelect XT Low Input	No specific data.
	Index Bulk Set 2 A01-H12	
	SSEL XT HS and XT Low	No specific data.
	Input Custom Capture Library SSel XT Low Input Human	No specific data.
	All Exon V7 Plus 1, 96	
	Reactions Automation	

Indication of immediate medica	al attention and special treatm	nent 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 specialist immediately if large quantities have been ingested or inhaled.
	Forward Primer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	100 mM dNTP Mix (25 mM each dNTP)	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	Herculase II Fusion DNA Polymerase	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	5X Herculase II Reaction Buffer	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	SureSelect Binding Buffer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect Wash Buffer 1	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect Wash Buffer 2	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect XT HS and XT Low Input Blocker Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect Fast Hybridization Buffer	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	SureSelect RNase Block	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect Post-Capture Primer Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SSEL XT HS and XT Low Input Custom Capture Library	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been

	neueuree	
		ingested or inhaled.
	SSel XT Low Input Human	Treat symptomatically. Contact poison treatment
	All Exon V7 Plus 1, 96	specialist immediately if large quantities have been
Specific treatments :	Bractiepsi Automatign	Nossiecting inbalingent.
	Enzyme Mix	No operific treatment
	End Repair-A Tailing Buffer T4 DNA Ligase	No specific treatment. 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	No specific treatment.
	each dNTP)	'
	Herculase II Fusion DNA	No specific treatment.
	Polymerase	
	5X Herculase II Reaction	No specific treatment.
	Buffer	No
	SureSelect Binding Buffer	No specific treatment.
	SureSelect Wash Buffer 1 SureSelect Wash Buffer 2	No specific treatment. No specific treatment.
	SureSelect XT HS and XT	No specific treatment.
	Low Input Blocker Mix	
	SureSelect Fast	No specific treatment.
	Hybridization Buffer	···
	SureSelect RNase Block	No specific treatment.
	SureSelect Post-Capture	No specific treatment.
	Primer Mix	
	SureSelect XT Low Input	No specific treatment.
	Index Bulk Set 2 A01-H12	No
	SSEL XT HS and XT Low	No specific treatment.
	Input Custom Capture Library SSel XT Low Input Human	No specific treatment.
	All Exon V7 Plus 1, 96	
	Reactions Automation	
Protection of first-aiders :	End Repair-A Tailing	No action shall be taken involving any personal risk
	Enzyme Mix	or without suitable training. It may be dangerous to
	,	the person providing aid to give mouth-to-mouth
		resuscitation.
	End Repair-A Tailing Buffer	No action shall be taken involving any personal risk
		or without suitable training.
	T4 DNA Ligase	No action shall be taken involving any personal risk
		or without suitable training. It may be dangerous to
		the person providing aid to give mouth-to-mouth resuscitation.
	Ligation Buffer	No action shall be taken involving any personal risk
	Ligation Barlor	or without suitable training. It may be dangerous to
		the person providing aid to give mouth-to-mouth
		resuscitation.
	Adaptor Oligo Mix	No action shall be taken involving any personal risk
		or without suitable training.
	Forward Primer	No action shall be taken involving any personal risk
	100 mM dNTD Mix (25 mM	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	or without suitable training.
	SureSelect Binding Buffer	No action shall be taken involving any personal risk
Date of issue/Date of revision	: 04/19/2022 Date of previous is	sue : 03/04/2022 Version : 4.1 21/8

	or without suitable training.
SureSelect Wash Buffer 1	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect Wash Buffer 2	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect XT HS and XT	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	No action shall be taken involving any personal risk
Primer Mix	or without suitable training.
SureSelect XT Low Input	No action shall be taken involving any personal risk
Index Bulk Set 2 A01-H12	or without suitable training.
SSEL XT HS and XT Low	No action shall be taken involving any personal risk
Input Custom Capture Library	
SSel XT Low Input Human	No action shall be taken involving any personal risk
All Exon V7 Plus 1, 96	or without suitable training.
Reactions Automation	

See toxicological information (Section 11)

Extinguishing media		
Suitable extinguishing media	: End Repair-A Tailing Enzyme Mix	Use an extinguishing agent suitable for the surrounding fire.
	End Repair-A Tailing Buffer	Use an extinguishing agent suitable for the surrounding fire.
	T4 DNA Ligase	Use an extinguishing agent suitable for the surrounding fire.
	Ligation Buffer	Use an extinguishing agent suitable for the surrounding fire.
	Adaptor Oligo Mix	Use an extinguishing agent suitable for the surrounding fire.
	Forward Primer	Use an extinguishing agent suitable for the surrounding fire.
	100 mM dNTP Mix (25 mM each dNTP)	Use an extinguishing agent suitable for the surrounding fire.
	Herculase lÍ Fusion DNA Polymerase	Use an extinguishing agent suitable for the surrounding fire.
	5X Herculase II Reaction Buffer	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Binding Buffer	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Wash Buffer 1	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Wash Buffer 2	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect XT HS and XT Low Input Blocker Mix	Use an extinguishing agent suitable for the 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 Primer Mix	Use an extinguishing agent suitable for the surrounding fire.
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	SureSelect XT Low Input Index Bulk Set 2 A01-H12	Use an extinguishing agent suitable for the surrounding fire.
	SSEL XT HS and XT Low Input Custom Capture Library	Use an extinguishing agent suitable for the
	SSel XT Low Input Human	Use an extinguishing agent suitable for the
	All Exon V7 Plus 1, 96 Reactions Automation	surrounding fire.
Unsuitable extinguishing media	: End Repair-A Tailing Enzyme Mix	None known.
inculu	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 IÍ 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	None known.
	Hybridization Buffer	
	SureSelect RNase Block	None known.
	SureSelect Post-Capture Primer Mix	None known.
	SureSelect XT Low Input	None known.
	Index Bulk Set 2 A01-H12	
	SSEL XT HS and XT Low	None known.
	Input Custom Capture Library	
	SSel XT Low Input Human	None known.
	All Exon V7 Plus 1, 96	
	Reactions Automation	
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	In a fire or if heated, a pressure increase will occur
	each dNTP)	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
		· ·

	SureSelect Wash Buffer 2	and the container may burst. In a fire or if heated, a pressure increase will occur
	SureSelect XT HS and XT Low Input Blocker Mix	and the container may burst. In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Fast Hybridization Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect RNase Block	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Post-Capture Primer Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	In a fire or if heated, a pressure increase will occur and the container may burst.
	SSEL XT HS and XT Low Input Custom Capture Library	In a fire or if heated, a pressure increase will occur and the container may burst.
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	: End Repair-A Tailing Enzyme Mix	Decomposition products may include the following materials: carbon dioxide
		carbon monoxide
	End Repair-A Tailing Buffer	Decomposition products may include the following materials:
		carbon dioxide carbon monoxide
		nitrogen oxides
		halogenated compounds metal oxide/oxides
	T4 DNA Ligase	Decomposition products may include the following materials:
		carbon dioxide carbon monoxide
	Ligation Buffer	Decomposition products may include the following materials:
		carbon dioxide carbon monoxide
	Adaptor Oligo Mix	No specific data.
	Forward Primer 100 mM dNTP Mix (25 mM	No specific data. Decomposition products may include the following
	each dNTP)	materials:
		carbon dioxide carbon monoxide
		nitrogen oxides
	Herculase II Fusion DNA	phosphorus oxides Decomposition products may include the following
	Polymerase	materials: carbon dioxide
		carbon monoxide
	5X Herculase II Reaction Buffer	Decomposition products may include the following materials:
	Buildi	carbon dioxide
		carbon monoxide nitrogen oxides
		sulfur oxides
	SureSelect Binding Buffer	metal oxide/oxides Decomposition products may include the following
		materials: halogenated compounds
		metal oxide/oxides

SureSelect XT Low Input Reagent Kit, index 97-192 + Human All Exon V7 Plus 1 Target Enrichment Baits, 96 rxn, auto, Part Number G9508P

	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
	SureSelect RNase Block	metal oxide/oxides Decomposition products may include the following materials: carbon dioxide
	SureSelect Post-Capture Primer Mix	carbon monoxide No specific data.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	No specific data.
	SSEL XT HS and XT Low Input Custom Capture Library	Decomposition products may include the following materials: carbon dioxide carbon monoxide
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	No specific data.
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 suitable training.
	End Repair-A Tailing Buffer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or
	T4 DNA Ligase	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
	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
	Adaptor Oligo Mix	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
	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
	100 mM dNTP Mix (25 mM each dNTP)	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
	Herculase II Fusion DNA Polymerase	without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training
	5X Herculase II Reaction	without suitable training. Promptly isolate the scene by removing all persons
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	Buffer	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or without suitable training.
	SureSelect 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
	SureSelect Wash Buffer 1	without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect 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 Low Input Index Bulk Set 2 A01-H12	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SSEL XT HS and XT Low Input Custom Capture Library	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 Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	End Repair-A Tailing Enzyme Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	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
	T4 DNA Ligase	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	Ligation Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	Adaptor Oligo Mix	Fire-fighters should wear appropriate protective
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	equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
Forward Primer	pressure mode. Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
100 mM dNTP Mix (25 mM	pressure mode. Fire-fighters should wear appropriate protective
each dNTP)	equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
Herculase II Fusion DNA	pressure mode. Fire-fighters should wear appropriate protective
Polymerase	equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
5X Herculase II Reaction	pressure mode. Fire-fighters should wear appropriate protective
Buffer	equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
Cure Cala et Din din er Duffen	pressure mode.
SureSelect Binding Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
SureSelect Wash Buffer 1	pressure mode. Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
SureSelect Wash Buffer 2	pressure mode. Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
SureSelect XT HS and XT	pressure mode. Fire-fighters should wear appropriate protective
Low Input Blocker Mix	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
SureSelect RNase Block	pressure mode. Fire-fighters should wear appropriate protective
Suleselect Rinase Diock	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
SureSelect Post-Capture	pressure mode. Fire-fighters should wear appropriate protective
Primer Mix	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
SureSelect XT Low Input	pressure mode. Fire-fighters should wear appropriate protective
Index Bulk Set 2 A01-H12	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
SSEL XT HS and XT Low	pressure mode. Fire-fighters should wear appropriate protective
Input Custom Capture Library	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
SSel XT Low Input Human	pressure mode. Fire-fighters should wear appropriate protective
All Exon V7 Plus 1, 96	equipment and self-contained breathing apparatus
Reactions Automation	(SCBA) with a full face-piece operated in positive pressure mode.
	pressure moue.

For non-emergency	ctive equipment and emergency : End Repair-A Tailing	No action shall be taken involving any personal risk
personnel	Enzyme Mix	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
	TH DIA LIGASE	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.
	Lightian Duffer	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
	100 mM dNTP Mix (25 mM	protective equipment. No action shall be taken involving any personal risk
	each dNTP)	or without suitable training. Evacuate surrounding
	cuch artri)	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
		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.
		appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
	5X Herculase II Reaction Buffer	

	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
	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.
SuraSalaat Baat Captura	Put on appropriate personal protective equipment.
SureSelect Post-Capture Primer Mix	No action shall be taken involving any personal risk
	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk
	through spilled material. Put on appropriate personal
	protective equipment.
SureSelect XT Low Input	No action shall be taken involving any personal risk
Index Bulk Set 2 A01-H12	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	No action shall be taken involving any personal risk
	or without suitable training. Evacuate surrounding
input outloin ouplaid Library	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilled material. Put on appropriate personal
	protective equipment.
	L

	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	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
	End Repair-A Tailing Buffer	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
	T4 DNA Ligase	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
	Ligation Buffer	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
	Adaptor Oligo Mix	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
	Forward Primer	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
	100 mM dNTP Mix (25 mM each dNTP)	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
	Herculase II Fusion DNA Polymerase	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
	5X Herculase II Reaction Buffer	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 Binding Buffer	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 information in "For non-emergency personnel".
	SureSelect XT HS and XT Low Input Blocker 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 Fast Hybridization Buffer	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on
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Date of issue/Date of revision	Polymerase : 04/19/2022 Date of previous is	contact with soil, waterways, drains and sewers.
	each dNTP) Herculase II Fusion DNA	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
	100 mM dNTP Mix (25 mM	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
	Forward Primer	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Avoid dispersal of spilled material and runoff and
	Adaptor Oligo Mix	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.
	Ligation Buffer	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.
	T4 DNA Ligase	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.
	End Repair-A Tailing Buffer	caused environmental pollution (sewers, waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
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
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	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".
	SSEL XT HS and XT Low Input Custom Capture Library	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 Low Input Index Bulk Set 2 A01-H12	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 Post-Capture Primer Mix	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
	SureSelect RNase Block	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

	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
5X Herculase II Reaction Buffer	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways, soil or air).
SureSelect Binding Buffer	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways,
SureSelect Wash Buffer 1	soil or air).
	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways, soil or air).
SureSelect Wash Buffer 2	Avoid dispersal of spilled material and runoff and
	contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways, soil or air).
SureSelect XT HS and XT Low Input Blocker Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways,
SureSelect Fast	soil or air). Avoid dispersal of spilled material and runoff and
Hybridization Buffer	contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways,
SureSelect RNase Block	soil or air). Avoid dispersal of spilled material and runoff and
Surecelect mase block	contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Post-Capture Primer Mix	Avoid dispersal of spilled material and runoff and
	contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect XT Low Input Index Bulk Set 2 A01-H12	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SSEL XT HS and XT Low Input Custom Capture Library	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,
SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	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 containment and cleaning up

Methods for cleaning up	: End Repair-A Tailing Enzyme Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	End Repair-A Tailing Buffer	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	T4 DNA Ligase	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	Ligation 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.
	Adaptor Oligo Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	Forward Primer	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	100 mM dNTP Mix (25 mM each dNTP)	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	Herculase II Fusion DNA Polymerase	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	5X Herculase II Reaction 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 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
SureSelect Wash Buffer 2	disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste
SureSelect XT HS and XT Low Input Blocker Mix	disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and 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 Hybridization 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
SureSelect RNase Block	disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an
SureSelect Post-Capture Primer 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 disposal container. Dispose of via a licensed waste
SureSelect XT Low Input Index Bulk Set 2 A01-H12	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
SSEL XT HS and XT Low Input Custom Capture Library	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
SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	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.

Section 7. Handling and storage

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)	(see Section 8). Put on appropriate personal protective equipment (see Section 8).
	Herculase II Fusion DNA Polymerase	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
	5X Herculase II Reaction	Put on appropriate personal protective equipment
	Buffer SureSelect Binding Buffer	(see Section 8). Put on appropriate personal protective equipment (see Section 8).
	SureSelect Wash Buffer 1	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Wash Buffer 2	Put on appropriate personal protective equipment (see Section 8).
	SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer	Put on appropriate personal protective equipment (see Section 8). Put on appropriate personal protective equipment (see Section 8).
	SureSelect RNase Block	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers

Section 7. Handling and storage

<u> </u>	<u> </u>	
		retain product residue and can be hazardous. Do not reuse container.
	SureSelect Post-Capture Primer Mix	Put on appropriate personal protective equipment (see Section 8).
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	Put on appropriate personal protective equipment (see Section 8).
	SSEL XT HS and XT Low	Put on appropriate personal protective equipment
	Input Custom Capture Library SSel XT Low Input Human	(see Section 8). Put on appropriate personal protective equipment
	All Exon V7 Plus 1, 96 Reactions Automation	(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
	End Repair-A Tailing 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 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
	Ligation Buffer	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
	Adaptor Oligo Mix	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
	Forward Primer	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
	100 mM dNTP Mix (25 mM each dNTP)	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.

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

Section 7. Handling and storage

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	SureSelect XT Low Input Index Bulk Set 2 A01-H12	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.
	SSEL XT HS and XT Low Input Custom Capture Library	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	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

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Section 7. Handling and storage

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

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

Section 7. Handling and storage

	original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect Post-Capture Primer Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect XT Low Input Index Bulk Set 2 A01-H12	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SSEL XT HS and XT Low Input Custom Capture Library	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	Storage temperature: -80°C (-112°F). Store in accordance with local regulations. Shelf life: 48 months. 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 Enzyme Mix Glycerol	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m ³ 8 hours. Form: Mist CA Quebec Provincial (Canada, 7/2019). TWAEV: 10 mg/m ³ 8 hours. Form: mist CA Saskatchewan Provincial (Canada, 7/2013). STEL: 20 mg/m ³ 15 minutes. Form: mist TWA: 10 mg/m ³ 8 hours. Form: mist CA British Columbia Provincial (Canada, 1/2021). TWA: 3 mg/m ³ 8 hours. Form: respirable mist TWA: 10 mg/m ³ 8 hours. Form: total mist
T4 DNA Ligase Glycerol	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m ³ 8 hours. Form: Mist CA Quebec Provincial (Canada, 7/2019). TWAEV: 10 mg/m ³ 8 hours. Form: mist CA Saskatchewan Provincial (Canada, 7/2013). STEL: 20 mg/m ³ 15 minutes. Form: mist TWA: 10 mg/m ³ 8 hours. Form: mist CA British Columbia Provincial (Canada, 1/2021). TWA: 3 mg/m ³ 8 hours. Form: respirable mist TWA: 10 mg/m ³ 8 hours. Form: total mist
Ligation Buffer Polyethylene glycol Glycerol	OARS WEEL (United States, 1/2021). TWA: 10 mg/m ³ 8 hours. CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m ³ 8 hours. Form: Mist CA Quebec Provincial (Canada, 7/2019). TWAEV: 10 mg/m ³ 8 hours. Form: mist CA Saskatchewan Provincial (Canada, 7/2013). STEL: 20 mg/m ³ 15 minutes. Form: mist TWA: 10 mg/m ³ 8 hours. Form: mist CA British Columbia Provincial (Canada, 1/2021). TWA: 3 mg/m ³ 8 hours. Form: respirable mist TWA: 10 mg/m ³ 8 hours. Form: total mist
Herculase II Fusion DNA Polymerase Glycerol	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m ³ 8 hours. Form: Mist CA Quebec Provincial (Canada, 7/2019). TWAEV: 10 mg/m ³ 8 hours. Form: mist CA Saskatchewan Provincial (Canada,

Section 8. Exposure controls/personal protection

	 7/2013). STEL: 20 mg/m³ 15 minutes. Form: mist TWA: 10 mg/m³ 8 hours. Form: mist CA British Columbia Provincial (Canada, 1/2021). TWA: 3 mg/m³ 8 hours. Form: respirable mist TWA: 10 mg/m³ 8 hours. Form: total mist
SureSelect RNase Block	
Glycerol	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m ³ 8 hours. Form: Mist CA Quebec Provincial (Canada, 7/2019). TWAEV: 10 mg/m ³ 8 hours. Form: mist CA Saskatchewan Provincial (Canada, 7/2013). STEL: 20 mg/m ³ 15 minutes. Form: mist TWA: 10 mg/m ³ 8 hours. Form: mist CA British Columbia Provincial (Canada, 1/2021). TWA: 3 mg/m ³ 8 hours. Form: respirable mist TWA: 10 mg/m ³ 8 hours. Form: total mist
SSEL XT HS and XT Low Input Custom Capture Library Glycerol	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m ³ 8 hours. Form: Mist CA Quebec Provincial (Canada, 7/2019). TWAEV: 10 mg/m ³ 8 hours. Form: mist CA Saskatchewan Provincial (Canada, 7/2013). STEL: 20 mg/m ³ 15 minutes. Form: mist TWA: 10 mg/m ³ 8 hours. Form: mist CA British Columbia Provincial (Canada, 1/2021). TWA: 3 mg/m ³ 8 hours. Form: respirable mist TWA: 10 mg/m ³ 8 hours. Form: total mist

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 en they comply with the requirements of environmental protection legislation. In so cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.	
Individual protection measure	<u>s</u>		
Hygiene measures	÷	Wash hands, forearms and face thoroughly after handling chemical products, before	

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.

Section 8. Exposure controls/personal protection

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

Section 9. Physical and chemical properties and safety characteristics

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

Appearance

Appearance			
Physical state		End Repair-A Tailing Enzyme Mix	Liquid.
		End Repair-A Tailing Buffer	Liquid.
		T4 DNA Ligase	Liquid.
		_igation Buffer	Liquid.
		Adaptor Oligo Mix	Liquid.
		Forward Primer	Liquid.
		100 mM dNTP Mix (25 mM each dNTP)	Liquid.
	ŀ	Herculase II Fusion DNA Polymerase	Liquid.
	Ę	5X Herculase II Reaction Buffer	Liquid.
	5	SureSelect Binding Buffer	Liquid.
		SureSelect Wash Buffer 1	Liquid.
	5	SureSelect Wash Buffer 2	Liquid.
		SureSelect XT HS and XT ₋ow Input Blocker Mix	Liquid.
		SureSelect Fast Hybridization Buffer	Liquid.
	5	SureSelect RNase Block	Liquid.
		SureSelect Post-Capture Primer Mix	Liquid.
	Ś	SureSelect XT Low Input ndex Bulk Set 2 A01-H12	Liquid.
		SSEL XT HS and XT Low nput Custom Capture Library	Liquid.

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	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	Liquid.
Color :	End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing Buffer	Not available.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT Low Input Blocker Mix	Not available.
	SureSelect Fast	Not available.
	Hybridization Buffer	
	SureSelect RNase Block	Not available.
	SureSelect Post-Capture	Not available.
	Primer Mix	NI . 4 11 . I. I.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	Not available.
	SSEL XT HS and XT Low Input Custom Capture Library	Not available.
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	Not available.
Odor :	End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing Buffer	Not available.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT Low 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 Low Input Index Bulk Set 2 A01-H12	Not available.
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	SSEL XT HS and XT Low Input Custom Capture Library	Not available.
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	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 Low Input Index Bulk Set 2 A01-H12	Not available.
	SSEL XT HS and XT Low Input Custom Capture Library	Not available.
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	Not available.
pH :	End Repair-A Tailing Enzyme Mix	6.5
	End Repair-A Tailing Buffer	8
	T4 DNA Ligase	7.5
	Ligation Buffer	8
	Adaptor Oligo Mix	7.5
	Forward Primer	7.5
	100 mM dNTP Mix (25 mM each dNTP)	7.5
	Herculase II Fusion DNA Polymerase	8.2
	5X Herculase II Reaction Buffer	9.5 to 10.5
	SureSelect Binding Buffer	7.5
	SureSelect Wash Buffer 1	7.5
	SureSelect Wash Buffer 2	7
	SureSelect XT HS and XT	7.5
	Low Input Blocker Mix	Not available
	SureSelect Fast	Not available.
	Hybridization Buffer SureSelect RNase Block	7.6
	SureSelect Post-Capture	7.5
	Primer Mix	
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	SureSelect XT Low Input 7.5 Index Bulk Set 2 A01-H12
	SSEL XT HS and XT Low Not available. Input Custom Capture Library
	SSel XT Low Input Human Not available. All Exon V7 Plus 1, 96 Reactions Automation
Melting point/freezing point	: End Repair-A Tailing Not available. Enzyme Mix
	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 $0^{\circ}C(32^{\circ}F)$
	100 mM dNTP Mix (25 mM Not available. each dNTP)
	Herculase II Fusion DNA Not available. Polymerase
	5X Herculase II Reaction Not available. Buffer
	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 0°C (32°F) Primer Mix
	SureSelect XT Low Input 0°C (32°F) Index Bulk Set 2 A01-H12
	SSEL XT HS and XT Low 0°C (32°F) Input Custom Capture Library
	SSel XT Low Input Human 0°C (32°F) All Exon V7 Plus 1, 96 Reactions Automation
Boiling point, initial boiling	: End Repair-A Tailing Not available.
point, and boiling range	Enzyme Mix 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 Not available.
	each dNTP) Herculase II Fusion DNA Not available.
	Polymerase 5X Herculase II Reaction Not available. Buffer
	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 100°C (212°F)
	Low Input Blocker Mix
	SureSelect Fast Not available.
	Hybridization Buffer SureSelect RNase Block Not available.
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	SureSelect Post-Cap Primer Mix	oture	100°C (2	212°F)			
	SureSelect XT Low I Index Bulk Set 2 A0		100°C (2	212°F)			
	SSEL XT HS and XT	Low	100°C (2	212°F)			
	Input Custom Captur SSel XT Low Input H All Exon V7 Plus 1, 9 Reactions Automatic	Human 96	100°C (2	212°F)			
Flash point :			Closed	cup		Open o	cup
	Ingredient name	°C	°F	Method	°C	°F	Method
	End Repair-A Tailing Enzyme Mix						
	(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230				
	Glycerol				177	350.6	
	End Repair-A Tailing Buffer						
	(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230				
	T4 DNA Ligase						
	(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230				
	Glycerol				177	350.6	
	Ligation Buffer						
	(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230				
	Polyethylene glycol	171 to 235	339.8 to 455		199 to 238	390.2 to 460.4	
	Adaptor Oligo Mix						
	Edetic acid	>100	>212	DIN 51758			
	Forward Primer						
	Edetic acid	>100	>212	DIN 51758			
	100 mM dNTP Mix (25 mM each dNTP)						
	Edetic acid	>100	>212	DIN 51758			
	Herculase II Fusion DNA Polymerase						
	Edetic acid	>100	>212	DIN 51758			
	(R*,R*) -1,4-Dimercaptobutane-	>110	>230				

2,3-diol						
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 Low Input Index Bulk Set 2 A01-H12						
Edetic acid	>100	>212	DIN 51758			
SSEL XT HS and XT Low Input Custom Capture Library						
Edetic acid	>100	>212	DIN 51758			
(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230				
SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation						
Edetic acid	>100	>212	DIN 51758			
(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230				

characteristics		
Evaporation rate :	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	Not available.
	Low Input Blocker Mix	
	SureSelect Fast Hybridization Buffer	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Post-Capture	Not available.
	Primer Mix	Not available.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	
	SSEL XT HS and XT Low Input Custom Capture Library	Not available.
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	Not available.
Flammability :	End Repair-A Tailing Enzyme Mix	Not applicable.
	End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	Not applicable.
	Ligation Buffer	Not applicable.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer	
		Not applicable.
	100 mM dNTP Mix (25 mM each dNTP)	Not applicable.
	Herculase II Fusion DNA Polymerase	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT Low Input Blocker Mix	Not applicable.
	SureSelect Fast Hybridization Buffer	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Post-Capture	Not applicable.
	Primer Mix SureSelect XT Low Input	Not applicable.
	Index Bulk Set 2 A01-H12 SSEL XT HS and XT Low	Not applicable.
	Input Custom Capture Library SSel XT Low Input Human	Not applicable.

		Il Exon V7 Plus 1, 9 Reactions Automatio						
Lower and upper explosion limit/flammability limit		nd Repair-A Tailing		Not avail	able.			
		nd Repair-A Tailing	Buffer	Not avail	able.			
		4 DNA Ligase		Not avail				
	L	igation Buffer		Not avail	able.			
	A	daptor Oligo Mix		Not avail	able.			
	F	orward Primer		Not avail	able.			
		00 mM dNTP Mix (2 ach dNTP)	Not avail	able.				
	F	lerculase II Fusion [Polymerase	DNA	Not avail	able.			
		X Herculase II Read	ction	Not avail	able.			
	S	SureSelect Binding B	Not avail					
		SureSelect Wash Bu		Not avail				
		SureSelect Wash Bu		Not avail				
		SureSelect XT HS ar		Not avail	able.			
	S	ow Input Blocker Mi SureSelect Fast	X	Not avail	able.			
		lybridization Buffer						
		SureSelect RNase B SureSelect Post-Cap		Not available. Not available.				
		Primer Mix SureSelect XT Low I	nnut	Not available.				
	Ir	ndex Bulk Set 2 A01	-H12					
		SEL XT HS and XT		Not avail	able.			
		nput Custom Captur		Not avail	abla			
		Sel XT Low Input H Il Exon V7 Plus 1, 9		Not avail	able.			
		Reactions Automatio						
			r					
Vapor pressure	· .						-	re at 50°C
		Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
		nd Repair-A Tailing						
		water	23.8	3.2		92.258	12.3	
	(t	Adenosine 5'- tetrahydrogen riphosphate), disodium salt	<0.00075006	<0.0001		<0.00075006	<0.0001	
		End Repair-A Tailing Buffer						
	١	vater	23.8	3.2		92.258	12.3	
						<0.00075006	<0.0001	
	(t	Adenosine 5'- tetrahydrogen riphosphate), disodium salt	<0.00075006	<0.0001		~0.00073000	<0.0001	
	(t s	tetrahydrogen riphosphate), disodium salt	<0.00075006	<0.0001			<0.0001	
	(t s	tetrahydrogen riphosphate), disodium salt F4 DNA Ligase						
	(t s T V	itetrahydrogen riphosphate), disodium salt F4 DNA Ligase water	23.8	3.2		92.258	12.3	
	(t s T V	tetrahydrogen riphosphate), disodium salt F4 DNA Ligase						
Date of issue/Date of revision	(t s 1 V (itetrahydrogen riphosphate), disodium salt F4 DNA Ligase water Glycerol	23.8	3.2 0.00001	: 03/04/2022	92.258	12.3	: 4.1 51/80

	1	1			1	1	
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					
SureSelect Wash Buffer 2							
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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	0.000007	7501 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	0.000007	7501 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	0.000007	0.000001	
SureSelect XT Low Input Index Bulk Set 2 A01-H12					
water	23.8	3.2	92.258	12.3	
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036	0.000007	0.000001	
SSEL XT HS and XT Low Input Custom Capture Library					
water	23.8	3.2	92.258	12.3	
Glycerol	0.000075	0.00001	0.0025	0.00033	
SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation					
water	23.8	3.2	92.258	12.3	
Glycerol	0.000075	0.00001	0.0025	0.00033	

onaraotonotioo		
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	
	SureSelect Fast Hybridization Buffer	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Post-Capture	Not available.
	Primer Mix	
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	Not available.
	SSEL XT HS and XT Low Input Custom Capture Library	Not available.
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	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 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	Not available.
	Low Input Blocker Mix	
	SureSelect Fast	Not available.
	Hybridization Buffer	
	SureSelect RNase Block	Not available.
	SureSelect Post-Capture Primer Mix	Not available.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	Not available.
	SSEL XT HS and XT Low Input Custom Capture Library	Not available.
	SSel XT Low Input Human	Not available.

	All Exon V7 Plus 1, 96 Reactions Automation	
Solubility	: End Repair-A Tailing	Easily soluble in the following materials: cold water
	Enzyme Mix End Repair-A Tailing Buffer	and hot water. Easily soluble in the following materials: cold water
	T4 DNA Ligase	and hot water. Easily soluble in the following materials: cold water
	Ligation Buffer	and hot water. Easily soluble in the following materials: cold water
	Adaptor Oligo Mix	and hot water. Easily soluble in the following materials: cold water
	Forward Primer	and hot water. 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.
	Herculase II Fusion DNA	Easily soluble in the following materials: cold water
	Polymerase	and hot water.
	5X Herculase II Reaction Buffer	Easily soluble in the following materials: cold water and hot water.
	SureSelect Binding Buffer	Easily soluble in the following materials: cold water and hot water.
	SureSelect Wash Buffer 1	Easily soluble in the following materials: cold water and hot water.
	SureSelect Wash Buffer 2	Easily soluble in the following materials: cold water and hot water.
	SureSelect XT HS and XT	Easily soluble in the following materials: cold water
	Low Input Blocker Mix	and hot water.
	SureSelect Fast	Easily soluble in the following materials: cold water
	Hybridization Buffer SureSelect RNase Block	and hot water. 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 Low Input	Easily soluble in the following materials: cold water
	Index Bulk Set 2 A01-H12	and hot water.
	SSEL XT HS and XT Low	Easily soluble in the following materials: cold water
	Input Custom Capture Librar SSel XT Low Input Human	Easily soluble in the following materials: cold water
	All Exon V7 Plus 1, 96 Reactions Automation	and hot water.
Partition coefficient: n- octanol/water	: End Repair-A Tailing Enzyme Mix	Not applicable.
	End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	Not applicable.
	Ligation Buffer	Not applicable.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer 100 mM dNTP Mix (25 mM	Not applicable. Not applicable.
	each dNTP)	
	Herculase II Fusion DNA Polymerase	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT	Not applicable.
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		Not applicable							
	Hybridization Buffer								
		Not applicable Not applicable							
		SureSelect XT Low Input Not applicable.							
	Index Bulk Set 2 A01-H12 SSEL XT HS and XT Low	SSEL XT HS and XT Low Not applicable.							
	Input Custom Capture Library SSel XT Low Input Human	Not applicable							
	All Exon V7 Plus 1, 96 Reactions Automation								
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			<u> </u>					
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characteristics				
	Input Blocker Mix			
	Edetic acid	>400	>752	VDI 2263
	SureSelect RNase Block			
	Glycerol	370	698	
	4-(2-Hydroxyethyl)piperazin- 1-ylethanesulphonic acid	>400	>752	EU A.16
	SureSelect Post-Capture Primer Mix	c .		
	Edetic acid	>400	>752	VDI 2263
	SureSelect XT Low Input Index Bulk Set 2 A01-H12			
	Edetic acid	>400	>752	VDI 2263
	SSEL XT HS and XT Low Input Custom Capture Library			
	Glycerol	370	698	
	Edetic acid	>400	>752	VDI 2263
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation			
	Glycerol	370	698	
	Edetic acid	>400	>752	VDI 2263
Decomposition temperature :	End Repair-A Tailing	Not available.		ļ]
	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase	Not available. Not available.		
		Not available.		
	1 0	Not available. Not available.		
		Not available.		
		Not available.		
	5X Herculase II Reaction I Buffer	Not available.		
	0	Not available.		
		Not available. Not available.		
		Not available.		
	Low Input Blocker Mix	tot available.		
	SureSelect Fast Nybridization Buffer	Not available.		
		Not available.		
	Primer Mix	Not available.		
	Index Bulk Set 2 A01-H12	Not available.		
		Not available.		
	Input Custom Capture Library SSel XT Low Input Human I All Exon V7 Plus 1, 96	Not available.		
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	Reactions Automation	
Viscosity :	End Repair-A Tailing	Not available.
	Enzyme Mix	NI (11 I I
	End Repair-A Tailing Buffer	Not available.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix Forward Primer	Not available. 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 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 Low Input Index Bulk Set 2 A01-H12	Not available.
	SSEL XT HS and XT Low Input Custom Capture Library	Not available.
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	Not available.
Particle characteristics		
	End Repair-A Tailing	Not applicable.
median particle size .	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 100 mM dNTP Mix (25 mM	Not applicable. Not applicable.
	each dNTP) Herculase II Fusion DNA Polymerase	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT Low Input Blocker Mix	Not applicable.
	SureSelect Fast Hybridization Buffer	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Post-Capture Primer Mix	Not applicable.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	Not applicable.

Section 9. Physical and chemical properties and safety characteristics

SSEL XT HS and XT Low Not applicable. Input Custom Capture Library SSel XT Low Input Human Not applicable. All Exon V7 Plus 1, 96 **Reactions Automation**

Section 10. Stability and reactivity **Reactivity** : End Repair-A Tailing No specific test data related to reactivity available for Enzyme Mix 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. No specific test data related to reactivity available for Adaptor Oligo Mix this product or its ingredients. Forward Primer No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for 100 mM dNTP Mix (25 mM this product or its ingredients. each dNTP) Herculase II Fusion DNA No specific test data related to reactivity available for this product or its ingredients. Polymerase 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 this product or its ingredients. No specific test data related to reactivity available for SureSelect XT HS and XT Low Input Blocker Mix this product or its ingredients. 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 this product or its ingredients. Primer Mix SureSelect XT Low Input No specific test data related to reactivity available for Index Bulk Set 2 A01-H12 this product or its ingredients. No specific test data related to reactivity available for SSEL XT HS and XT Low Input Custom Capture Library this product or its ingredients. SSel XT Low Input Human No specific test data related to reactivity available for All Exon V7 Plus 1, 96 this product or its ingredients. **Reactions Automation Chemical stability** : End Repair-A Tailing The product is stable. Enzvme 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 Date of issue/Date of revision :04/19/2022 :03/04/2022 Version : 4.1 59/80 Date of previous issue

Section 10. Stability and reactivity

Section 10. Stability	and reactivity	
	5X Herculase II Reaction Buffer	The product is stable.
	SureSelect Binding Buffer	The product is stable.
	SureSelect Wash Buffer 1	The product is stable.
	SureSelect Wash Buffer 2	The product is stable.
	SureSelect XT HS and XT	The product is stable.
	Low Input Blocker Mix	•
	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 Low Input	The product is stable.
	Index Bulk Set 2 A01-H12	
	SSEL XT HS and XT Low	The product is stable.
	Input Custom Capture Library	
	SSel XT Low Input Human	The product may not be stable under certain
	All Exon V7 Plus 1, 96	conditions of storage or use. See "Possibility of
	Reactions Automation	Hazardous Reactions" for further information.
Dessibility of benerdays	End Densis A Tailing	
Possibility of hazardous : reactions	End Repair-A Tailing Enzyme Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
reactions	End Repair-A Tailing Buffer	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	T4 DNA Ligase	Under normal conditions of storage and use,
	1 1 Di Wit Eigeoo	hazardous reactions will not occur.
	Ligation Buffer	Under normal conditions of storage and use,
	5	hazardous reactions will not occur.
	Adaptor Oligo Mix	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	Forward Primer	Under normal conditions of storage and use,
		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, hazardous reactions will not occur.
	SureSelect Wash Buffer 1	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect Wash Buffer 2	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect XT HS and XT	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 Low Input	Under normal conditions of storage and use,
	Index Bulk Set 2 A01-H12	hazardous reactions will not occur.
	SSEL XT HS and XT Low	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SSel XT Low Input Human All Exon V7 Plus 1, 96	Under normal conditions of storage and use, hazardous reactions will not occur.
	Reactions Automation	Hazaruous reactions will not occur.

Section 10. Stability and reactivity

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 No specific data.
	each dNTP)
	Herculase IÍ 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
	SureSelect XT Low Input No specific data. Index Bulk Set 2 A01-H12
	SSEL XT HS and XT Low No specific data. Input Custom Capture Library
	SSel XT Low Input Human No specific data. All Exon V7 Plus 1, 96 Reactions Automation
Incompatible materials	: End Repair-A Tailing May react or be incompatible with oxidizing materia
	Enzyme Mix
	End Repair-A Tailing Buffer May react or be incompatible with oxidizing materia
	T4 DNA Ligase May react or be incompatible with oxidizing materia Ligation Buffer May react or be incompatible with oxidizing materia
	Adaptor Oligo Mix May react or be incompatible with oxidizing materia
	Forward Primer May react or be incompatible with oxidizing materia
	100 mM dNTP Mix (25 mM May react or be incompatible with oxidizing materia each dNTP)
	Herculase II Fusion DNA May react or be incompatible with oxidizing materia Polymerase
	5X Herculase II Reaction May react or be incompatible with oxidizing materia Buffer
	SureSelect Binding Buffer May react or be incompatible with oxidizing materia
	SureSelect Wash Buffer 1 May react or be incompatible with oxidizing materia
	SureSelect Wash Buffer 2 May react or be incompatible with oxidizing materia
	SureSelect XT HS and XT May react or be incompatible with oxidizing materia
	Low Input Blocker Mix SureSelect Fast May react or be incompatible with oxidizing materia
	Hybridization Buffer
	SureSelect RNase Block May react or be incompatible with oxidizing materia
	SureSelect Post-Capture May react or be incompatible with oxidizing materia Primer Mix
	SureSelect XT Low Input May react or be incompatible with oxidizing materia Index Bulk Set 2 A01-H12
	SSEL XT HS and XT Low May react or be incompatible with oxidizing materia
	Input Custom Capture Library SSel XT Low Input Human May react or be incompatible with oxidizing materia
	All Exon V7 Plus 1, 96

Section 10. Stability and reactivity

Hazardous decomposition products	: End Repair-A Tailing Enzyme Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	End Repair-A Tailing Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	T4 DNA Ligase	Under normal conditions of storage and use, hazardous decomposition products should not be 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 Polymerase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	5X Herculase II Reaction Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureSelect Binding Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureSelect Wash Buffer 1	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureSelect Wash Buffer 2	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureSelect XT HS and XT Low Input Blocker Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureSelect Fast Hybridization Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureSelect RNase Block	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureSelect Post-Capture Primer Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SSEL XT HS and XT Low Input Custom Capture Library	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
End Repair-A Tailing Enzyme Mix Glycerol	LD50 Oral	Rat	12600 mg/kg	-
End Repair-A Tailing Buffer Potassium chloride	LD50 Oral	Rat	2600 mg/kg	
T4 DNA Ligase Glycerol	LD50 Oral	Rat	12600 mg/kg	
Ligation Buffer Glycerol	LD50 Oral	Rat	12600 mg/kg	_
Herculase II Fusion DNA Polymerase			12000 mg/kg	
Glycerol 5X Herculase II Reaction	LD50 Oral	Rat	12600 mg/kg	-
Buffer Trometamol Ammonium sulphate Hexadecan-1-ol, ethoxylated	LD50 Dermal LD50 Oral LD50 Oral	Rat Rat Rat	>5000 mg/kg 2840 mg/kg 2500 mg/kg	-
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 Custom Capture Library				
Glycerol	LD50 Oral	Rat	12600 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
End Repair-A Tailing Enzyme Mix					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
End Repair-A Tailing Buffer					
Potassium chloride	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
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					1
T4 DNA Ligase					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
	Skin - Mild irritant	Rabbit	_	mg 24 hours 500	_
		Rabbit	_	mg	_
Ligation Buffer					
Polyethylene glycol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
	Europ Milel inside st	Dahkit		mg	
	Eyes - Mild irritant Skin - Mild irritant	Rabbit Rabbit	-	500 mg 24 hours 500	-
		Rabbit	-	mg	-
	Skin - Mild irritant	Rabbit	-	500 mg	-
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
Herculase II Fusion DNA				0	
Polymerase					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
5X Herculase II Reaction Buffer					
Trometamol	Skin - Moderate irritant	Rabbit	_	25 %	-
	Skin - Severe irritant	Rabbit	-	500 mg	-
SureSelect Binding Buffer Sodium chloride	Even Mederate irritent	Rabbit		24 hours 100	
Sodium chionde	Eyes - Moderate irritant	Rabbit	-	mg	-
	Eyes - Moderate irritant	Rabbit	_	10 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
SureSelect Wash Buffer 1					
Sodium dodecyl sulphate	Eyes - Mild irritant	Rabbit		250 ug	
	Eyes - Moderate irritant	Rabbit	_	24 hours 100	-
		1 (GDDR		mg	
	Eyes - Moderate irritant	Rabbit	-	10 mg	-
	Skin - Mild irritant	Guinea pig	-	24 hours 25	-
				mg	
	Skin - Moderate irritant	Mouse	-	24 hours 25	-
	Skin - Mild irritant	Rabbit		mg 24 hours 50	_
		Tabbit	-	mg	-
	Skin - Moderate irritant	Rabbit	-	24 hours 25	-
				mg	
SureSelect Wash Buffer 2					
Sodium dodecyl sulphate	Eyes - Mild irritant	Rabbit		250 ug	_
	Eyes - Moderate irritant	Rabbit	_	24 hours 100	-
				mg	
	Eyes - Moderate irritant	Rabbit	-	10 mg	-
	Skin - Mild irritant	Guinea pig	-	24 hours 25	-
	Skin Madarata imitant	Mariaa		mg 24 hours 25	
	Skin - Moderate irritant	Mouse	-	24 hours 25	-
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	Skin - Mild irritant	Rabbit	-	mg 24 hours 50	-
	Skin - Moderate irritant	Rabbit	-	mg 24 hours 25 mg	-
SureSelect RNase Block					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
	Skin - Mild irritant	Rabbit	-	mg 24 hours 500 mg	-
SSEL XT HS and XT Low Input Custom Capture Library					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
	Skin - Mild irritant	Rabbit	-	mg 24 hours 500 mg	-

Sensitization

Not available.

Mutagenicity	
matagementy	
Conclusion/Summary	: Not available.
Carcinogenicity	
Conclusion/Summary	: Not available.
Reproductive toxicity	
Conclusion/Summary	: Not available.
Teratogenicity	
Conclusion/Summary	: Not available.
Specific target organ toxi	city (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.

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	End Repair-A Tailing Enzyme Mix	Routes of entry anticipated: Oral, Dermal, Inhalation.
routes of exposure	End Repair-A Tailing Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
	T4 DNA Ligase	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Ligation Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase II Fusion DNA 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	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Hybridization Buffer	Realized of entry analopated. Oral, Dermal, Inhalation.
	SureSelect RNase Block	Routes of entry anticipated: Oral, Dermal, Inhalation.
	SureSelect Post-Capture Primer Mix	Not available.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	Not available.
	SSEL XT HS and XT Low Input Custom Capture Library	
	SSel XT Low Input Human All Exon V7 Plus 1, 96	Not available.
	Reactions Automation	
Potential acute health effects		
Eye contact :	End Repair-A Tailing Enzyme Mix	Causes eye irritation.
	End Repair-A Tailing Buffer T4 DNA Ligase	No known significant effects or critical hazards. 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	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	Causes eye irritation.
	SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	No known significant effects or critical hazards.
	SSEL XT HS and XT Low Input Custom Capture Library	No known significant effects or critical hazards.
	SSel XT Low Input Human	No known significant effects or critical hazards.

	<u> </u>	
tabatada.	All Exon V7 Plus 1, 96 Reactions Automation	
Inhalation :	Reactions Automation 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)	, and the second s
	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 Low Input Index Bulk Set 2 A01-H12	No known significant effects or critical hazards.
	SSEL XT HS and XT Low Input Custom Capture Library	No known significant effects or critical hazards.
	SSel XT Low Input Human All Exon V7 Plus 1, 96	No known significant effects or critical hazards.
	Reactions Automation	
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	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 Low Input Index Bulk Set 2 A01-H12	No known significant effects or critical hazards.
	SSEL XT HS and XT Low Input Custom Capture Library	No known significant effects or critical hazards.

	All Exon V7 Plus 1, 96 Reactions Automation	
Ingestion	End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low 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 Low Input Index Bulk Set 2 A01-H12	No known significant effects or critical hazards.
	SSEL XT HS and XT Low Input Custom Capture Library	No known significant effects or critical hazards.
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	No known significant effects or critical hazards.
Symptoms related to the physic	cal, chemical and toxicologic	al characteristics
Eye contact	End Repair-A Tailing	Adverse symptoms may include the following:
•		

Eye contact	: End Repair-A Tailing Enzyme Mix	Adverse symptoms may include the following:
	,	irritation watering redness
	End Repair-A Tailing Buffer T4 DNA Ligase	No specific data. 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 each dNTP)	No specific data.
	Herculase IÍ Fusion DNA Polymerase	Adverse symptoms may include the following:
		irritation watering redness
	5X Herculase II Reaction Buffer	No specific data.
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	gioar internation	
	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 Low Input	No specific data.
	Index Bulk Set 2 A01-H12	
	SSEL XT HS and XT Low	No specific data.
	Input Custom Capture Library	•
	SSel XT Low Input Human	No specific data.
	All Exon V7 Plus 1, 96	
	Reactions Automation	
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	
	SureSelect XT Low Input	No specific data.
	Index Bulk Set 2 A01-H12	
	SSEL XT HS and XT Low	No specific data.
	Input Custom Capture Library	
	SSel XT Low Input Human	No specific data.
	All Exon V7 Plus 1, 96	
	Reactions Automation	
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)	

	giour mornation	
	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.
	Low Input Blocker Mix	
	SureSelect Fast	No specific data.
	Hybridization Buffer	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture	No specific data.
	Primer Mix	
	SureSelect XT Low Input	No specific data.
	Index Bulk Set 2 A01-H12	
	SSEL XT HS and XT Low	No specific data.
	Input Custom Capture Library	
	SSel XT Low Input Human	No specific data.
	All Exon V7 Plus 1, 96	
Ingestion :	Brackiepsi/Autominiign	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 IÍ Fusion DNA Polymerase	No specific data.
	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 Hybridization Buffer	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture	No specific data.
	Primer Mix	
	SureSelect XT Low Input	No specific data.
	Index Bulk Set 2 A01-H12	Na ana 2012 - 1-1
	SSEL XT HS and XT Low Input Custom Capture Library	No specific data.
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	No specific data.

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

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Potential immediate effects	: Not available.	
Potential delayed effects	: Not available.	
Potential chronic health ef	ffects	
General	: End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low 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 SureSelect XT Low Input	No known significant effects or critical hazards. No known significant effects or critical hazards.
	Index Bulk Set 2 A01-H12 SSEL XT HS and XT Low	No known significant effects or critical hazards.
	Input Custom Capture Library SSel XT Low Input Human	
	All Exon V7 Plus 1, 96 Reactions Automation	
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.
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards. No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	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	C C
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture	No known significant effects or critical hazards.
	Primer Mix SureSelect XT Low Input	No known significant effects or critical hazards.
Date of issue/Date of revision	Index Bulk Set 2 A01-H12 : 04/19/2022 Date of previous is	ssue : 03/04/2022 Version : 4.1
ate of issue Date of IEVISION	. or ror 2022 Date of previous R	

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	gioar internation	
	SSEL XT HS and XT Low Input Custom Capture Library	No known significant effects or critical hazards.
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	No known significant effects or critical hazards.
Mutagenicity :	End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each 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	
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture	No known significant effects or critical hazards.
	Primer Mix	
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	No known significant effects or critical hazards.
	SSEL XT HS and XT Low Input Custom Capture Library	No known significant effects or critical hazards.
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	No known significant effects or critical hazards.
Reproductive toxicity :	End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each 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 Low Input	No known significant effects or critical hazards.

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Index Bulk Set 2 A01-H12SSEL XT HS and XT LowNo known significant effects or critical hazards.Input Custom Capture LibrarySSel XT Low Input HumanSSel XT Low Input HumanNo known significant effects or critical hazards.All Exon V7 Plus 1, 96Reactions Automation

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
End Repair-A Tailing Buffer					
End Repair-A Tailing Buffer	159509.2	N/A	N/A	N/A	N/A
Potassium chloride	2600	N/A	N/A	N/A	N/A
T4 DNA Ligase					
Glycerol	12600	N/A	N/A	N/A	N/A
Ligation Buffer					
Polyethylene glycol	28000	N/A	N/A	N/A	N/A
Glycerol	12600	N/A	N/A	N/A	N/A
Herculase II Fusion DNA Polymerase					
Glycerol	12600	N/A	N/A	N/A	N/A
5X Herculase II Reaction Buffer					
5X Herculase II Reaction Buffer	107739	N/A	N/A	N/A	N/A
Ammonium sulphate	2840	N/A	N/A	N/A	N/A
Hexadecan-1-ol, ethoxylated	2500	N/A	N/A	N/A	N/A
SureSelect Binding Buffer					
SureSelect Binding Buffer	51369.9	N/A	N/A	N/A	N/A
Sodium chloride	3000	N/A	N/A	N/A	N/A
SureSelect Wash Buffer 1					
Sodium dodecyl sulphate	1288	N/A	N/A	N/A	1.5
SureSelect Wash Buffer 2					
Sodium dodecyl sulphate	1288	N/A	N/A	N/A	1.5
SureSelect RNase Block					
Glycerol	12600	N/A	N/A	N/A	N/A
SSEL XT HS and XT Low Input Custom Capture					
Library					
Glycerol	12600	N/A	N/A	N/A	N/A

	0	
Other information	: End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing Buffer	Adverse symptoms may include the following: May cause skin sensitization.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT Low Input Blocker Mix	Not available.
	SureSelect Fast Hybridization Buffer	Not available.
	SureSelect RNase Block	Adverse symptoms may include the following: May cause skin sensitization.
	SureSelect Post-Capture Primer Mix	Not available.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	Not available.
	SSEL XT HS and XT Low Input Custom Capture Library	Not available.
	SSel XT Low Input Human All Exon V7 Plus 1, 96 Reactions Automation	Not available.

Section 12. Ecological information

Τ	oxi	C	ity	
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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 Buffe	r		
Potassium chloride	Acute EC50 1337000 μg/l Fresh water Acute EC50 9.24 g/L Fresh water	Algae - Navicula seminulum Algae - Desmodesmus subspicatus	96 hours 72 hours
	Acute EC50 83000 µg/l Fresh water Acute LC50 9.68 mg/l Fresh water	Daphnia - Daphnia magna Crustaceans - Pseudosida ramosa - Neonate	48 hours 48 hours
	Acute LC50 509.65 mg/l Fresh water	Fish - Danio rerio	96 hours
T4 DNA Ligase Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
L igation Buffer Polyethylene glycol Glycerol	Acute LC50 >1000000 μg/l Fresh water Acute LC50 54000 mg/l Fresh water	Fish - Salmo salar - Parr Fish - Oncorhynchus mykiss	96 hours 96 hours
Herculase II Fusion DNA Polymerase			
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Section 12. Ecolo	gical information		
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
5X Herculase II Reaction Buffer			
Trometamol	Acute EC50 >980 mg/l Fresh water	Daphnia	48 hours
Ammonium sulphate	Acute NOEC 520 mg/l Fresh water Chronic NOEC 7.5 mg/l Marine water	Daphnia Algae - Phaeodactylum tricornutum - Exponential growth phase	48 hours 96 hours
Hexadecan-1-ol, ethoxylated	Acute LC50 330000 to 1000000 µg/l Marine water	Crustaceans - Crangon crangon - Adult	48 hours
SureSelect Binding Buffer			
Sodium chloride	Acute EC50 2430000 µg/l Fresh water Acute EC50 519.6 mg/l Fresh water	Algae - Navicula seminulum Crustaceans - Cypris subglobosa	96 hours 48 hours
	Acute EC50 402.6 mg/l Fresh water Acute IC50 6.87 g/L Fresh water Acute LC50 1000000 µg/l Fresh water Chronic LC10 781 mg/l Fresh water	Daphnia - Daphnia magna Aquatic plants - Lemna minor Fish - Morone saxatilis - Larvae Crustaceans - Hyalella azteca - Juvenile (Fledgling, Hatchling,	48 hours 96 hours 96 hours 3 weeks
	Chronic NOEC 6 g/L Fresh water Chronic NOEC 0.314 g/L Fresh water Chronic NOEC 100 mg/l Fresh water	Weanling) Aquatic plants - Lemna minor Daphnia - Daphnia pulex Fish - Gambusia holbrooki - Adult	96 hours 21 days 8 weeks
SureSelect Wash Buffer 1			
Sodium dodecyl sulphate	Acute EC50 1200 μg/l Marine water Acute LC50 900 μg/l Marine water	Algae - Skeletonema costatum Crustaceans - Artemia salina - Adult	96 hours 48 hours
	Acute LC50 1400 μg/l Fresh water	Daphnia - Daphnia pulex - Neonate	48 hours
	Acute LC50 590 µg/l Fresh water Chronic NOEC 1.25 mg/l Marine water Chronic NOEC 1 mg/l Fresh water	Fish - Cirrhinus mrigala - Larvae Algae - Ulva fasciata - Zoea Crustaceans - Pseudosida ramosa - Neonate	96 hours 96 hours 21 days
	Chronic NOEC 3.2 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	21 days
	Chronic NOEC >1357 µg/l Fresh water	Fish - Pimephales promelas	42 days
SureSelect Wash Buffer 2 Sodium dodecyl sulphate	Acute EC50 1200 μg/l Marine water Acute LC50 900 μg/l Marine water	Algae - Skeletonema costatum Crustaceans - Artemia salina - Adult	96 hours 48 hours
	Acute LC50 1400 μg/l Fresh water	Daphnia - Daphnia pulex - Neonate	48 hours
	Acute LC50 590 µg/l Fresh water Chronic NOEC 1.25 mg/l Marine water Chronic NOEC 1 mg/l Fresh water	Fish - Cirrhinus mrigala - Larvae Algae - Ulva fasciata - Zoea Crustaceans - Pseudosida ramosa - Neonate	96 hours 96 hours 21 days
	Chronic NOEC 3.2 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	21 days
	Chronic NOEC >1357 µg/l Fresh water	Fish - Pimephales promelas	42 days
SureSelect RNase Block Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
SSEL XT HS and XT Low Input Custom Capture			
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Library			
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 Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
T4 DNA Ligase Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
Ligation Buffer Polyethylene glycol	OECD 301D Ready Biodegradability - Closed Bottle	74.85 % - Readily - 28 days	4 mg/l	-
Glycerol	Test 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 Ready Biodegradability - CO ₂ Evolution Test	95 % - Readily - 28 days	20 mg/l	Activated sludge
SureSelect Wash Buffer 2 Sodium dodecyl sulphate	OECD 301B Ready Biodegradability - CO ₂ Evolution Test	95 % - Readily - 28 days	20 mg/l	Activated sludge
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Section 12. Ecological information

Dection 12. Ecolog	bechon 12. Ecological information				
SureSelect RNase Block Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days		-	-
SSEL XT HS and XT Low Input Custom Capture Library 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
5X Herculase II Reaction Buffer					
Trometamol Ammonium sulphate Hexadecan-1-ol, ethoxylated	- - -		- - -		Readily Readily 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
T4 DNA Ligase 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 Ammonium sulphate	-2.31 -5.1	- -	low low
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Section 12. Ecological information

Section 12. Ecolog	bechon 12. Ecological information		
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 Custom Capture Library			
Glycerol	-1.76	-	low

Mobility in soil

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

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 : Nor
 - : 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
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Version	: 4.1
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

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 Low Input Index Bulk Set 2 A01-H12: 5190-3901, 5190-3902, 5190-3903, 5190-3904, 5190-3905, 5190-3906, 5190-3907, 5190-3908, 5190-3909, 5190-3910, 5190-3911, 5190-3912, 5190-3913, 5190-3914, 5190-3915, 5190-3916, 5190-3917, 5190-3918, 5190-3919, 5190-3920, 5190-3921, 5190-3922, 5190-3923, 5190-3924, 5190-3925, 5190-3926, 5190-3927, 5190-3928, 5190-3929, 5190-3930, 5190-3931, 5190-3932, 5190-3933, 5190-3934, 5190-3935, 5190-3936, 5190-3937, 5190-3938, 5190-3939, 5190-3940, 5190-3941, 5190-3942, 5190-3943, 5190-3944, 5190-3945, 5190-3946, 5190-3947, 5190-3948, 5190-3949, 5190-3950, 5190-3951, 5190-3952, 5190-3953, 5190-3954, 5190-3955, 5190-3956, 5190-3957, 5190-3958, 5190-3959, 5190-3960, 5190-3961, 5190-3962, 5190-3963, 5190-3964, 5190-3965, 5190-3959, 5190-3967, 5190-3968, 5190-3969, 5190-3970, 5190-3971, 5190-3972, 5190-3973, 5190-3974, 5190-3975, 5190-3976, 5190-3977, 5190-3978, 5190-3979, 5190-3980, 5190-3981, 5190-3982, 5190-3984, 5190-3984, 5190-3985, 5190-3986, 5190-3987, 5190-3984, 5190-3984, 5190-3985, 5190-3986, 5190-3984, 5190-3985, 5190-3986, 5190-3984, 5190-3985, 5190-3986, 5190-3984, 5190-3985, 5190-3986, 5190-3984, 5190-3985, 5190-3986, 5190-3984, 5190-3985, 5190-3986, 5190-3984, 5190-3985, 5190-3986, 5190-3996