Conforms to Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals

SAFETY DATA SHEET



SureSelect XT Low Input Reagent Kit, index 97-192 + Human All Exon V7 Target Enrichment Baits, 96 rxn, auto, Part Number G9508N

Section 1. Identification

Product identifier	: SureSelect XT Low Input Reagent Kit, index 97-192 + Human All Exon V7 Target Enrichment Baits, 96 rxn, auto, Part Number G9508N
Part no. (chemical kit)	: G9508N
Part no.	: <u>SureSelect XT HS and XT Low Input</u> <u>5500-0140</u> <u>Library Prep Kit for ILM (Pre PCR), 96</u> Rxn
	End Repair-A Tailing Enzyme Mix5190-6435End Repair-A Tailing Buffer5190-6436T4 DNA Ligase5190-6437Ligation Buffer5190-6438Adaptor Oligo Mix5190-6439Forward Primer5190-6440SureSelect XT HS and XT Low Input5500-0140 / 5190-9686Library Prep Kit for ILM (Pre PCR), 96Rxn / SureSelect XT HS and XT LowInput Target Enrichment Kit, ILM Hyb5500-0140 / 5190-9686
	Module, Box 2 (Post PCR), 96 Rxn100 mM dNTP Mix (25 mM each dNTP)200418-51Herculase II Fusion DNA Polymerase5600-37615X Herculase II Reaction Buffer600675-52SureSelect XT HS and XT Low Input5190-9687Target Enrichment Kit, ILM Hyb Module,5190-9687
	Box 1 (Post PCR), 96 RxnSureSelect Binding Buffer5190-9734SureSelect Wash Buffer 15190-4408SureSelect Wash Buffer 25190-4409SureSelect XT HS and XT Low Input5190-9686Target Enrichment Kit, ILM Hyb Module,5190-9686
	Box 2 (Post PCR), 96 Rxn SureSelect XT HS and XT Low Input 5190-9534 Blocker Mix
	SureSelect Fast Hybridization Buffer5190-7330SureSelect RNase Block5972-3700SureSelect Post-Capture Primer Mix5190-9732SureSelect XT Low Input Index Primers5190-6445
	<u>97-192 for ILM (Pre PCR)</u> SureSelect XT Low Input Index Bulk Set Various* 2 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.</u> <u>5191-4030</u> <u>96 Reactions Automation</u> SSel XT Low Input Human All Exon V7, 5191-4030
Relevant identified uses of t	96 Reactions Automation
Material uses	: Analytical reagent.

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)
	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 0.64 ml (96 reactions) Blocker Mix
	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 96 x 0.01 ml (96 reactions)
	2 A01-H12
	SSEL XT HS and XT Low Input Custom 0.192 - 0.48 ml (96 reactions) Capture Library
	SSel XT Low Input Human All Exon V7, 0.68 ml 96 Reactions Automation
Supplier/Manufacturer	: Agilent Technologies Australia Pty Ltd 679 Springvale Road Mulgrave Victoria 3170, Australia 1800 802 402
Emergency telephone number (with hours of operation)	: CHEMTREC®: +(61)-290372994
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, 5190-3934, 5190-3934, 5190-3935, 5190-3944, 5190-3945, 5190-3938, 5190-3939, 5190-3940, 5190-3944, 5190-3945, 5190-3946, 5190-3947, 5190-3944, 5190-3945, 5190-3946, 5190-3945, 5190-3945, 5190-3955, 5190-3956, 5190-3957, 5190-3950, 5190-3951, 5190-3952, 5190-3953, 5190-3954, 5190-3955, 5190-3956, 5190-3957, 5190-3956, 5190-3957, 5190-3960, 5190-3961, 5190-3962, 5190-3964, 5190-3964, 5190-3965, 5190-3967, 5190-3968, 5190-3970, 5190-3971, 5190-3972, 5190-3973, 5190-3975, 5190-3976, 5190-3977, 5190-3978, 5190-3975, 5190-3981, 5190-3982, 5190-3983, 5190-3984, 5190-3984, 5190-3983, 5190-3984, 5190-3985, 5190-3986, 5190-3986, 5190-3980, 5190-3980, 5190-3980, 5190-3981, 5190-3981, 5190-3983, 5190-3984, 5190-3984, 5190-3984, 5190-3983, 5190-3984, 5190-3984, 5190-3983, 5190-3984, 5190-3985, 5190-3986, 5190-3986, 5190-3986, 5190-3980, 5190-3980, 5190-3981, 5190-3981, 5190-3981, 5190-3984, 5190-3984, 5190-3984, 5190-3984, 5190-3986, 5190-3986, 5190-3980, 5190-3980, 5190-3980, 5190-3981, 5190-3981, 5190-3981, 5190-3984, 5190-3984, 5190-3984, 5190-3984, 5190-3984, 5190-3984, 5190-3984, 5190-3984, 5190-3986, 5190-3986, 5190-3986

Section 2. Hazard(s) identification

Classification of the substant 5X Herculase II Reaction Buffer	<u>nce or mixture</u>	
H319	SERIOUS EYE DAMAGE/EYE	IRRITATION - Category 2A
	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%
GHS label elements		

Hazard pictograms :	5X Herculase II Reaction Buffer	
Signal word :	End Repair-A Tailing Enzyme Mix	No signal word.
	End Repair-A Tailing Buffer	No signal word.
	T4 DNA Ligase	No signal word.
		•
	Ligation Buffer	No signal word.
	Adaptor Oligo Mix	No signal word.
	Forward Primer	No signal word.
	100 mM dNTP Mix (25 mM each dNTP)	No signal word.
	Herculase II Fusion DNA Polymerase	No signal word.
	5X Herculase II Reaction Buffer	WARNING
	SureSelect Binding Buffer	No signal word.
	SureSelect Wash Buffer 1	No signal word.
	SureSelect Wash Buffer 2	No signal word.
	SureSelect XT HS and XT	No signal word.
	Low Input Blocker Mix	
	SureSelect Fast Hybridization Buffer	No signal word.
	SureSelect RNase Block	No signal word.
	SureSelect Post-Capture	No signal word.
	Primer Mix SureSelect XT Low Input Index Bulk Set 2 A01-H12	No signal word.
	SSEL XT HS and XT Low	No signal word.
	Input Custom Capture Library SSel XT Low Input Human All Exon V7, 96 Reactions Automation	No signal word.
Hazard statements :	End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM	No known significant effects or critical hazards.
	each dNTP)	C C
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	H319 - Causes serious eye irritation.
	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	No known significant effects or critical hazards.

		All Exon V7, 96 Reactions Automation	
Precautionary statements		Automation	
Prevention	:	End Repair-A Tailing	Not applicable.
		Enzyme Mix	
		End Repair-A Tailing Buffer	Not applicable.
		T4 DNA Ligase	Not applicable.
		Ligation Buffer	Not applicable. Not applicable.
		Adaptor Oligo Mix Forward Primer	Not applicable.
		100 mM dNTP Mix (25 mM	Not applicable.
		each dNTP)	
		Herculase II Fusion DNA Polymerase	Not applicable.
		5X Herculase II Reaction Buffer	P280 - Wear eye or face protection.
		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	ML & Low Post L
		SureSelect Fast	Not applicable.
		Hybridization Buffer SureSelect RNase Block	Not applicable.
		SureSelect Post-Capture	Not applicable.
		Primer Mix	
		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, 96 Reactions Automation	Not applicable.
Response	:	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	Not applicable.
		each dNTP) Herculase II Fusion DNA Polymerase	Not applicable.
		5X Herculase II Reaction	P305 + P351 + P338 - IF IN EYES: Rinse cautiously
		Buffer	with water for several minutes. Remove contact
			lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical
			advice or attention.
		SureSelect 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	NL 6 CONPUTE
		SureSelect Fast Hybridization Buffer	Not applicable.
		SureSelect RNase Block	Not applicable.
		SureSelect Post-Capture	Not applicable.
		Primer Mix	1.1
		SureSelect XT Low Input Index Bulk Set 2 A01-H12	Not applicable.
		SSEL XT HS and XT Low	Not applicable.
		Input Custom Capture Library	

4/69

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

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

Section 3. Composition and ingredient information

Substance/mixture	:	1 5	Mixture
		Enzyme Mix	
		End Repair-A Tailing Buffer	Mixture
		T4 DNA Ligase	Mixture
		Ligation Buffer	Mixture
		Adaptor Oligo Mix	Mixture
		Forward Primer	Mixture
		100 mM dNTP Mix (25 mM 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	Mixture
		Low Input Blocker Mix	
		SureSelect Fast	Mixture
		Hybridization Buffer	
		SureSelect RNase Block	Mixture
		SureSelect Post-Capture Primer Mix	Mixture
		SureSelect XT Low Input Index Bulk Set 2 A01-H12	Mixture
		SSEL XT HS and XT Low Input Custom Capture Library	Mixture
		SSel XT Low Input Human All Exon V7, 96 Reactions Automation	Mixture

CAS number/other identifiers

Ingredient name	% (w/w)	CAS number
End Repair-A Tailing Enzyme Mix Glycerol	≥30 - ≤60	56-81-5
T4 DNA Ligase Glycerol	≥30 - ≤60	56-81-5
Ligation Buffer Polyethylene glycol Glycerol	≥10 - ≤30 ≥10 - ≤30	25322-68-3 56-81-5
Herculase II Fusion DNA Polymerase Glycerol	≥30 - ≤60	56-81-5
5X Herculase II Reaction Buffer Hexadecan-1-ol, ethoxylated	<3	9004-95-9
SureSelect RNase Block Glycerol	≥30 - ≤60	56-81-5
SSEL XT HS and XT Low Input Custom Capture Library Glycerol	≤3	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 firs	<u>t 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. Get
		medical attention if irritation occurs.
	End Repair-A Tailing Buffer	Immediately flush eyes with plenty of water,
		occasionally lifting the upper and lower eyelids.
		Check for and remove any contact lenses. Get
		medical attention if irritation occurs.
	T4 DNA Ligase	Immediately flush eyes with plenty of water,
		occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get
		medical attention if irritation occurs.
	Ligation Buffer	Immediately flush eyes with plenty of water,
	Ligation Danoi	occasionally lifting the upper and lower eyelids.
		Check for and remove any contact lenses. Get
		medical attention if irritation occurs.
	Adaptor Oligo Mix	Immediately flush eyes with plenty of water,
		occasionally lifting the upper and lower eyelids.
		Check for and remove any contact lenses. Get
		medical attention if irritation occurs.
	Forward Primer	Immediately flush eyes with plenty of water,
		occasionally lifting the upper and lower eyelids.
		Check for and remove any contact lenses. Get medical attention if irritation occurs.
	100 mM dNTP Mix (25 mM	Immediately flush eyes with plenty of water,
	each dNTP)	occasionally lifting the upper and lower eyelids.
		Check for and remove any contact lenses. Get
		medical attention if irritation occurs.
	Herculase II Fusion DNA	Immediately flush eyes with plenty of water,
	Polymerase	occasionally lifting the upper and lower eyelids.
		Check for and remove any contact lenses. Get
		medical attention if irritation occurs.
	5X Herculase II Reaction	Immediately flush eyes with plenty of water,
	Buffer	occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue
		to rinse for at least 10 minutes. Get medical attention.
	SureSelect Binding Buffer	Immediately flush eyes with plenty of water,
	g	occasionally lifting the upper and lower eyelids.
		Check for and remove any contact lenses. Get
		medical attention if irritation occurs.
	SureSelect Wash Buffer 1	Immediately flush eyes with plenty of water,
		occasionally lifting the upper and lower eyelids.
		Check for and remove any contact lenses. Get
		medical attention if irritation occurs.
	SureSelect Wash Buffer 2	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.
		Check for and remove any contact lenses. Get
		medical attention if irritation occurs.
	SureSelect XT HS and XT	Immediately flush eyes with plenty of water,
	Low Input Blocker Mix	occasionally lifting the upper and lower eyelids.
	·	Check for and remove any contact lenses. Get
		medical attention if irritation occurs.
	SureSelect Fast	Immediately flush eyes with plenty of water,
	Hybridization Buffer	occasionally lifting the upper and lower eyelids.
		Check for and remove any contact lenses. Get
	SureSelect RNase Block	medical attention if irritation occurs.
	SULESCIECT KINASE BIOCK	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 Post-Capture	Immediately flush eyes with plenty of water,
	Primer Mix	occasionally lifting the upper and lower eyelids.

		Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureSelect XT Low Input	Immediately flush eyes with plenty of water,
	Index Bulk Set 2 A01-H12	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	Immediately flush eyes with plenty of water,
	Input Custom Capture Library	/ 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	Immediately flush eyes with plenty of water,
	All Exon V7, 96 Reactions	occasionally lifting the upper and lower eyelids.
	Automation	Check for and remove any contact lenses. Get
		medical attention if irritation occurs.
Inhalation	: End Repair-A Tailing	Remove victim to fresh air and keep at rest in a
	Enzyme Mix	position comfortable for breathing. Get medical
		attention if symptoms occur.
	End Repair-A Tailing Buffer	Remove victim to fresh air and keep at rest in a
		position comfortable for breathing. Get medical
		attention if symptoms occur. In case of inhalation of
		decomposition products in a fire, symptoms may be
		delayed. The exposed person may need to be kept
		under medical surveillance for 48 hours. Remove victim to fresh air and keep at rest in a
	T4 DNA Ligase	position comfortable for breathing. Get medical
		attention if symptoms occur.
	Ligation Buffer	Remove victim to fresh air and keep at rest in a
	g	position comfortable for breathing. Get medical
		attention if symptoms occur.
	Adaptor Oligo Mix	Remove victim to fresh air and keep at rest in a
		position comfortable for breathing. Get medical
		attention if symptoms occur.
	Forward Primer	Remove victim to fresh air and keep at rest in a
		position comfortable for breathing. Get medical
	100 mM dNTP Mix (25 mM	attention if symptoms occur. 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. Get medical
		attention if symptoms occur.
	5X Herculase II Reaction	Remove victim to fresh air and keep at rest in a
	Buffer	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. 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
	SureSelect Rinding Ruffer	48 hours. Remove victim to fresh air and keep at rest in a
	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
Data of ionus/Data of mulaiar	10/04/2022 Dete of province in	
Date of issue/Date of revision	: 19/04/2022 Date of previous is	ssue : 04/03/2022 Version : 3.1 9/69

		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	Remove victim to fresh air and keep at rest in a
	Low Input Blocker Mix	position comfortable for breathing. Get medical
	·	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. Get medical
		attention if symptoms occur.
	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	Remove victim to fresh air and keep at rest in a
	Index Bulk Set 2 A01-H12	position comfortable for breathing. Get medical
		attention if symptoms occur.
	SSEL XT HS and XT Low	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	Remove victim to fresh air and keep at rest in a
	All Exon V7, 96 Reactions	position comfortable for breathing. Get medical
	Automation	attention if symptoms occur.
Skin contact :	End Repair-A Tailing	Flush contaminated skin with plenty of water.
Skill contact .	Enzyme Mix	Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	End Repair-A Tailing Buffer	Flush contaminated skin with plenty of water.
		Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	T4 DNA Ligase	Flush contaminated skin with plenty of water.
	1 1 D 10 1 2.9400	Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	Ligation Buffer	Flush contaminated skin with plenty of water.
	Ligation Danoi	Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	Adaptor Oligo Mix	Flush contaminated skin with plenty of water.
		Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	Forward Primer	Flush contaminated skin with plenty of water.
		Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	100 mM dNTP Mix (25 mM	Flush contaminated skin with plenty of water.
	each dNTP)	Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	Herculase II Fusion DNA	Flush contaminated skin with plenty of water.
	Polymerase	Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	5X Herculase II Reaction	Flush contaminated skin with plenty of water.
	Buffer	Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur. Wash clothing
		before reuse. Clean shoes thoroughly before reuse.
	SureSelect Binding Buffer	Flush contaminated skin with plenty of water.
	3	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 medical attention if symptoms occur.
	SureSelect Post-Capture Primer Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	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. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SSel XT Low Input Human All Exon V7, 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. 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.
	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
	T4 DNA Ligase	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
	Ligation Buffer	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
	Adaptor Oligo Mix	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
	Forward Primer	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
	100 mM dNTP Mix (25 mM each dNTP)	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
	Herculase II Fusion DNA Polymerase	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

11/69

5X Herculase II Reaction Buffer	personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
SureSelect Binding Buffer	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect Wash Buffer 1	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect Wash Buffer 2	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect XT HS and XT Low Input Blocker Mix	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect Fast Hybridization Buffer	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect RNase Block	Wash out mouth with water. 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 Post-Capture Primer Mix	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 Low Input Index Bulk Set 2 A01-H12	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SSEL XT HS and XT Low Input 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.
SSel XT Low Input Human All Exon V7, 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

SureSelect XT Low Input Reagent Kit, index 97-192 + Human All Exon V7 Target Enrichment Baits, 96 rxn, auto, Part Number G9508N

Section 4. First aid measures

vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

otential acute health effects		
Eye contact	End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazard
	End Repair-A Tailing Buffer	No known significant effects or critical hazard
	T4 DNA Ligase	No known significant effects or critical hazard
	Ligation Buffer	No known significant effects or critical hazard
	Adaptor Oligo Mix	No known significant effects or critical hazard
	Forward Primer	No known significant effects or critical hazard
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazard
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazard
	5X Herculase II Reaction Buffer	Causes serious eye irritation.
	SureSelect Binding Buffer	No known significant effects or critical hazard
	SureSelect Wash Buffer 1	No known significant effects or critical hazard
	SureSelect Wash Buffer 2	No known significant effects or critical hazard
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazard
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazard
	SureSelect RNase Block	No known significant effects or critical hazard
	SureSelect Post-Capture Primer Mix	No known significant effects or critical hazard
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	No known significant effects or critical hazard
	SSEL XT HS and XT Low Input Custom Capture Library	No known significant effects or critical hazard
	SSel XT Low Input Human All Exon V7, 96 Reactions Automation	No known significant effects or critical hazard
nhalation	End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazard
	End Repair-A Tailing Buffer	No known significant effects or critical hazard
	T4 DNA Ligase	No known significant effects or critical hazard
	Ligation Buffer	No known significant effects or critical hazard
	Adaptor Oligo Mix	No known significant effects or critical hazard
	Forward Primer	No known significant effects or critical hazard
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazard
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazard
	5X Herculase II Reaction Buffer	No known significant effects or critical hazard
	SureSelect Binding Buffer	No known significant effects or critical hazard
	SureSelect Wash Buffer 1	No known significant effects or critical hazard
	SureSelect Wash Buffer 2	No known significant effects or critical hazard
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazard
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazard
	SureSelect RNase Block	No known significant effects or critical hazard
	SureSelect Post-Capture Primer Mix	No known significant effects or critical hazard
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	No known significant effects or critical hazard
	SSEL XT HS and XT Low Input Custom Capture Library	No known significant effects or critical hazard

	medealoo	
	SSel XT Low Input Human All Exon V7, 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	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	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, 96 Reactions Automation	No known significant effects or critical hazards.
Ingestion :	End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM	No known significant effects or critical hazards.
	each dNTP)	
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture	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	No known significant effects or critical hazards.
	Input Custom Capture Library SSel XT Low Input Human	
	All Exon V7, 96 Reactions Automation	The known signmoant eneols of United Hazalus.

Over-exposure signs/symptom	าร	
	End Repair-A Tailing	No specific data.
Lye contact .	Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM	No specific data.
	each dNTP)	•
	Herculase II Fusion DNA	No specific data.
	Polymerase	
	5X Herculase II Reaction	Adverse symptoms may include the following:
	Buffer	
		pain or irritation
		watering
		redness
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT	No specific data.
	Low Input Blocker Mix	No crecific data
	SureSelect Fast Hybridization Buffer	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture	No specific data.
	Primer Mix	No specific data.
	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, 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 Polymerase	No specific data.
	5X Herculase II Reaction	No specific data.
	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	No specific data.
	Index Bulk Set 2 A01-H12	
	SSEL XT HS and XT Low	No specific data.
	Input Custom Capture Library	No exectin dete
	SSel XT Low Input Human	No specific data.

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

Indication of immediate medica Notes to physician	End Repair-A Tailing	Treat symptomatically. Contact poison treatment
	Enzyme Mix	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	In case of inhalation of decomposition products in a
	each dNTP)	fire, symptoms may be delayed. The exposed person may need to be kept under medical 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 ingested or inhaled.
	SSel XT Low Input Human All Exon V7, 96 Reactions Automation	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments	: End Repair-A Tailing Enzyme Mix	No specific treatment.
	End Repair-A Tailing Buffer	No specific treatment.
	T4 DNA Ligase	No specific treatment.
	Ligation Buffer	No specific treatment.
	Adaptor Oligo Mix	No specific treatment.
	Forward Primer	No specific treatment.
	100 mM dNTP Mix (25 mM	No specific treatment.
	each dNTP)	
	Herculase II Fusion DNA	No specific treatment.
	Polymerase	No. and alt a function and
	5X Herculase II Reaction Buffer	No specific treatment.
	SureSelect Binding Buffer	No specific treatment.
	SureSelect Wash Buffer 1	No specific treatment.
	SureSelect Wash Buffer 2	No specific treatment.
	SureSelect XT HS and XT	No specific treatment.
	Low Input Blocker Mix	No specific treatment.
	SureSelect Fast	No aposifio tractment
		No specific treatment.
	Hybridization Buffer	No aposifia tractment
	SureSelect RNase Block	No specific treatment.
	SureSelect Post-Capture Primer Mix	No specific treatment.
	SureSelect XT Low Input	No specific treatment.
	Index Bulk Set 2 A01-H12	No specific treatment.
		No aposifia tractment
	SSEL XT HS and XT Low	No specific treatment.
	Input Custom Capture Library	
	SSel XT Low Input Human	No specific treatment.
	All Exon V7, 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.
	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.
	Ligation Buffer	No action shall be taken involving any personal risk
		or without suitable training.
	Adaptor Oligo Mix	No action shall be taken involving any personal risk
		or without suitable training.
	Forward Primer	No action shall be taken involving any personal risk
		or without suitable training.
	100 mM dNTP Mix (25 mM	No action shall be taken involving any personal risk
	each dNTP)	or without suitable training.
	Herculase II Fusion DNA	No action shall be taken involving any personal risk
	Polymerase	or without suitable training.
	5X Herculase II Reaction	No action shall be taken involving any personal risk
	Buffer	or without suitable training. It may be dangerous to
		the person providing aid to give mouth-to-mouth
		resuscitation.
	SureSelect Binding Buffer	No action shall be taken involving any personal risk
		or without suitable training.
	SureSelect Wash Buffer 1	No action shall be taken involving any personal risk
		or without suitable training.
	SureSelect Wash Buffer 2	No action shall be taken involving any personal risk
		or without suitable training.
	SureSelect XT HS and XT	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.
	SureSelect Post-Capture	No action shall be taken involving any personal risk
Date of issue/Date of revision	: 19/04/2022 Date of previous is	sue : 04/03/2022 Version : 3.1 18/6

SureSelect XT Low Input Reagent Kit, index 97-192 + Human All Exon V7 Target Enrichment Baits, 96 rxn, auto, Part Number G9508N

Section 4. First aid measures

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	or without suitable training.
SSel XT Low Input Human	No action shall be taken involving any personal risk
All Exon V7, 96 Reactions	or without suitable training.
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 II 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 Hybridization Buffer	Use an extinguishing agent suitable for the surrounding fire.
		SureSelect RNase Block	Use an extinguishing agent suitable for the surrounding fire.
		SureSelect Post-Capture Primer Mix	Use an extinguishing agent suitable for the surrounding fire.
		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, 96 Reactions Automation	surrounding fire.
Unsuitable extinguishing media	1	End Repair-A Tailing Enzyme Mix	None known.
		End Repair-A Tailing Buffer	None known.
		T4 DNA Ligase	None known.
		Ligation Buffer	None known.
		Adaptor Oligo Mix	None known.
		Forward Primer	None known.
		100 mM dNTP Mix (25 mM each dNTP)	None known.
		Herculase II Fusion DNA	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.
		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, 96 Reactions	
	Automation	
Specific bezerde origing	End Dopoir A Tailing	In a fire or if booted, a pressure increase will essure
Specific hazards arising : from the chemical	End Repair-A Tailing Enzyme Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
from the chemical	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
	g	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
	SureSelect Wash Buffer 1	and the container may burst.
	SuleSelect Wash Buller 1	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Wash Buffer 2	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect XT HS and XT	In a fire or if heated, a pressure increase will occur
	Low Input Blocker Mix	and the container may burst.
	SureSelect Fast	In a fire or if heated, a pressure increase will occur
	Hybridization Buffer	and the container may burst.
	SureSelect RNase Block	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect Post-Capture	In a fire or if heated, a pressure increase will occur
	Primer Mix	and the container may burst.
	SureSelect XT Low Input	In a fire or if heated, a pressure increase will occur
	Index Bulk Set 2 A01-H12	and the container may burst.
	SSEL XT HS and XT Low	In a fire or if heated, a pressure increase will occur
	Input Custom Capture Library	
	SSel XT Low Input Human	In a fire or if heated, a pressure increase will occur
	All Exon V7, 96 Reactions	and the container may burst.
	Automation	

Hazardous thermal	: End Repair-A Tailing	Decomposition products may include the following
decomposition products	Enzyme Mix	materials:
		carbon dioxide
		carbon monoxide
	End Repair-A Tailing Buffer	Decomposition products may include the following
	Lifu Repair-A Tailing Buller	
		materials:
		carbon dioxide
		carbon monoxide
		nitrogen oxides
		halogenated compounds
		metal oxide/oxides
	T4 DNA Ligase	Decomposition products may include the following
	14 DNA LIYASE	
		materials:
		carbon dioxide
		carbon monoxide
	Ligation Buffer	Decomposition products may include the following
	C C	materials:
		carbon dioxide
		carbon monoxide
	Adaptar Oliga Mix	
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM	Decomposition products may include the following
	each dNTP)	materials:
		carbon dioxide
		carbon monoxide
		nitrogen oxides
		phosphorus oxides
	Hereulese II Fusien DNA	· ·
	Herculase II Fusion DNA	Decomposition products may include the following
	Polymerase	materials:
		carbon dioxide
		carbon monoxide
	5X Herculase II Reaction	Decomposition products may include the following
	Buffer	materials:
		carbon dioxide
		carbon monoxide
		nitrogen oxides
		sulfur oxides
		metal oxide/oxides
	SureSelect Binding Buffer	Decomposition products may include the following
		materials:
		halogenated compounds
		metal oxide/oxides
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT	No specific data.
	Low Input Blocker Mix	······
	SureSelect Fast	Decomposition products may include the following
		materials:
	Hybridization Buffer	
		carbon dioxide
		carbon monoxide
		nitrogen oxides
		halogenated compounds
		metal oxide/oxides
	SureSelect RNase Block	Decomposition products may include the following
		materials:
		carbon dioxide
		carbon monoxide
	Sure Sole of Deat Orighting	
	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	Decomposition products may include the following
	Input Custom Capture Library	

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		carbon dioxide
		carbon monoxide
	SSel XT Low Input Human	No specific data.
	All Exon V7, 96 Reactions	
	Automation	
Special protective actions	: End Repair-A Tailing	Promptly isolate the scene by removing all persons
for fire-fighters	Enzyme Mix	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
	End Repair-A Tailing Buffer	Promptly isolate the scene by removing all persons
		from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
	T4 DNA Ligase	Promptly isolate the scene by removing all persons
		from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
	Ligation Buffer	Promptly isolate the scene by removing all persons
		from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
	Adaptor Oligo Mix	Promptly isolate the scene by removing all persons
	1 - 5	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
	Forward Primer	Promptly isolate the scene by removing all persons
		from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
	100 mM dNTP Mix (25 mM	Promptly isolate the scene by removing all persons
	each dNTP)	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
	Herculase II Fusion DNA	Promptly isolate the scene by removing all persons
	Polymerase	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
	5X Herculase II Reaction	Promptly isolate the scene by removing all persons
	Buffer	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
	SureSelect Binding Buffer	Promptly isolate the scene by removing all persons
		from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
	SureSelect Wash Buffer 1	Promptly isolate the scene by removing all persons
		from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
	SureSelect Wash Buffer 2	Promptly isolate the scene by removing all persons
		from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
	SureSelect XT HS and XT	Promptly isolate the scene by removing all persons
	Low Input Blocker Mix	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
	SureSelect Fast	Promptly isolate the scene by removing all persons
	Hybridization Buffer	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
	SureSelect RNase Block	Promptly isolate the scene by removing all persons
		from the vicinity of the incident if there is a fire. No
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Date of issue/Date of revision	: 19/04/2022 Date of previous is	ssue : 04/03/2022 Version : 3.1 22/

	SureSelect Post-Capture Primer Mix SureSelect XT Low Input Index Bulk Set 2 A01-H12	action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or
	SSEL XT HS and XT Low Input Custom Capture Library	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
	SSel XT Low Input Human All Exon V7, 96 Reactions Automation	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.
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
	End Repair-A Tailing Buffer	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
	T4 DNA Ligase	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
	Ligation Buffer	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
	Adaptor Oligo Mix	pressure mode. Fire-fighters should wear appropriate protective 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 each dNTP)	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
	Herculase II Fusion DNA Polymerase	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.
	5X Herculase II Reaction Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	SureSelect Binding Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
	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 pressure mode.
SureSelect XT HS and XT	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
	pressure mode.
SureSelect RNase Block	Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
•	Fire-fighters should wear appropriate protective
Primer Mix	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
Come Cala at VT Land Instat	pressure mode.
	Fire-fighters should wear appropriate protective
Index Bulk Set 2 AUT-HTZ	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive pressure mode.
SSEL XT HS and XT Low	Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SSel XT Low Input Human	Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
Automation	(SCBA) with a full face-piece operated in positive
	pressure mode.
	Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post-Capture Primer Mix SureSelect XT Low Input Index Bulk Set 2 A01-H12 SSEL XT HS and XT Low Input Custom Capture Library SSel XT Low Input Human All Exon V7, 96 Reactions

Personal precautions, protective equipment and emergency procedures			
For non-emergency personnel	: End Repair-A Tailing Enzyme Mix	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on 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 spilt material. Put on appropriate personal protective equipment.	
	T4 DNA Ligase	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. 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 spilt material. 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	

Date of issue/Date of revision : 19/04/202	Date of previous issue	:04/03/2022	Version : 3.1	24/69
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	through spilt material. Put on appropriate personal
Forward Primer	protective equipment. No action shall be taken involving any personal risk
I Olward Filliel	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilt material. Put on appropriate personal
	protective equipment.
100 mM dNTP Mix (25 mM	No action shall be taken involving any personal risk
each dNTP)	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilt 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 spilt material. Put on appropriate personal
	protective equipment.
5X Herculase II Reaction	No action shall be taken involving any personal risk
Buffer	or without suitable training. Evacuate surrounding
2	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilt material. Avoid breathing vapour or mist.
	Provide adequate ventilation. Wear appropriate
	respirator when ventilation is inadequate. Put on
	appropriate personal protective equipment.
SureSelect Binding Buffer	No action shall be taken involving any personal risk
0	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilt material. Put on appropriate personal
	protective equipment.
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 spilt 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 spilt 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 spilt 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 spilt 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 spilt material. Put on appropriate personal

25/69

	SureSelect Post-Capture Primer Mix	protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
	SSEL XT HS and XT Low Input Custom Capture Library	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
	SSel XT Low Input Human All Exon V7, 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 spilt material. Put on appropriate personal protective equipment.
For emergency responders :	End Repair-A Tailing Enzyme Mix	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	End Repair-A Tailing Buffer	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	T4 DNA Ligase	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	Ligation Buffer	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	Adaptor Oligo Mix	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	Forward Primer	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	100 mM dNTP Mix (25 mM each dNTP)	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	Herculase II Fusion DNA Polymerase	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	5X Herculase II Reaction Buffer	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureSelect Binding Buffer	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on
Date of issue/Date of revision · 19/	04/2022 Date of previous is	sue : 04/03/2022 Version : 3.1 26/60

		suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureSelect Wash Buffer 1	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect Wash Buffer 2	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect XT HS and XT Low Input Blocker Mix	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect Fast Hybridization Buffer	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect RNase Block	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect Post-Capture Primer Mix	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SSEL XT HS and XT Low Input Custom Capture Library	suitable and unsuitable materials. See also the
	SSel XT Low Input Human All Exon V7, 96 Reactions Automation	information in "For non-emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	: End Repair-A Tailing Enzyme Mix	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways,
	End Repair-A Tailing Buffer	soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways,
	T4 DNA Ligase	soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways,
	Ligation Buffer	soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways,
	Adaptor Oligo Mix	soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways,

	soil or air).
Forward Primer	Avoid dispersal of spilt material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways,
	soil or air).
100 mM dNTP Mix (25 mM	Avoid dispersal of spilt material and runoff and
each dNTP)	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways, soil or air).
Herculase II Fusion DNA	Avoid dispersal of spilt material and runoff and
Polymerase	contact with soil, waterways, drains and sewers.
Folymenase	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways,
	soil or air).
5X Herculase II Reaction	Avoid dispersal of spilt material and runoff and
Buffer	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 spilt material and runoff and
C C	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways,
	soil or air).
SureSelect Wash Buffer 1	Avoid dispersal of spilt material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways,
	soil or air).
SureSelect Wash Buffer 2	Avoid dispersal of spilt material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways,
SureSelect XT HS and XT	soil or air). Avoid dispersal of spilt material and runoff and
Low Input Blocker Mix	contact with soil, waterways, drains and sewers.
Low input blocker mix	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways,
	soil or air).
SureSelect Fast	Avoid dispersal of spilt material and runoff and
Hybridization Buffer	contact with soil, waterways, drains and sewers.
5	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways,
	soil or air).
SureSelect RNase Block	Avoid dispersal of spilt material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways,
	soil or air).
SureSelect Post-Capture	Avoid dispersal of spilt material and runoff and
Primer Mix	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways,
SureSelect VT Low Input	soil or air).
SureSelect XT Low Input Index Bulk Set 2 A01-H12	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
INGEN DUIK GELZ AUT-ITTZ	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways,
	soil or air).
SSEL XT HS and XT Low	Avoid dispersal of spilt material and runoff and
	contact with soil, waterways, drains and sewers.

	SSel XT Low Input Human All Exon V7, 96 Reactions Automation	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and material for cor	ntainment 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
	End Repair-A Tailing Buffer	disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	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
Date of issue/Date of revision :	19/04/2022 Date of previous i	ssue : 04/03/2022 Version : 3.1 29/69

SureSelect Binding Buffer	disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste
SureSelect Wash Buffer 1	disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste
SureSelect Wash Buffer 2	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 HS and XT Low Input Blocker Mix	disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste
SureSelect Fast Hybridization Buffer	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 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 inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste
SureSelect Post-Capture Primer Mix	disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste
SureSelect XT Low Input Index Bulk Set 2 A01-H12	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
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 disposal contractor.
SSel XT Low Input Human All Exon V7, 96 Reactions Automation	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.

30/69

Precautions for safe handling		
Protective measures :	End Repair-A Tailing Enzyme Mix	Put on appropriate personal protective equipment (see Section 8).
	End Repair-A Tailing Buffer	Put on appropriate personal protective equipment (see Section 8).
	T4 DNA Ligase	Put on appropriate personal protective equipment (see Section 8).
	Ligation Buffer	Put on appropriate personal protective equipment (see Section 8).
	Adaptor Oligo Mix	Put on appropriate personal protective equipment (see Section 8).
	Forward Primer	Put on appropriate personal protective equipment (see Section 8).
	100 mM dNTP Mix (25 mM each dNTP)	Put on appropriate personal protective equipment (see Section 8).
	Herculase II Fusion DNA Polymerase	Put on appropriate personal protective equipment (see Section 8).
	5X Herculase II Reaction Buffer	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
	SureSelect Binding Buffer	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Wash Buffer 1	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Wash Buffer 2	Put on appropriate personal protective equipment (see Section 8).
	SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block	Put on appropriate personal protective equipment (see Section 8). Put on appropriate personal protective equipment (see Section 8). Put on appropriate personal protective equipment
	SureSelect Post-Capture	(see Section 8). Put on appropriate personal protective equipment
	Primer Mix SureSelect XT Low Input Index Bulk Set 2 A01-H12 SSEL XT HS and XT Low Input Custom Capture Library	
	SSel XT Low Input Human All Exon V7, 96 Reactions Automation	Put on appropriate personal protective equipment (see Section 8).
Advice on general : occupational hygiene	End Repair-A Tailing Enzyme Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	End Repair-A Tailing Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	T4 DNA Ligase	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and

SureSelect XT Low Input Reagent Kit, index 97-192 + Human All Exon V7 Target Enrichment Baits, 96 rxn, auto, Part Number G9508N

Section 7. Handling and storage

	processed. Workers should wash hands and face
	before eating, drinking and smoking. Remove
	contaminated clothing and protective equipment
	before entering eating areas. See also Section 8 for
	additional information on hygiene measures.
Ligation Buffer	Eating, drinking and smoking should be prohibited in
	areas where this material is handled, stored and
	processed. Workers should wash hands and face
	before eating, drinking and smoking. Remove
	contaminated clothing and protective equipment
	before entering eating areas. See also Section 8 for
	additional information on hygiene measures.
Adaptor Oligo Mix	Eating, drinking and smoking should be prohibited in
	areas where this material is handled, stored and
	processed. Workers should wash hands and face
	before eating, drinking and smoking. Remove
	contaminated clothing and protective equipment
	before entering eating areas. See also Section 8 for
	additional information on hygiene measures.
Forward Primer	Eating, drinking and smoking should be prohibited in
	areas where this material is handled, stored and
	processed. Workers should wash hands and face
	before eating, drinking and smoking. Remove
	contaminated clothing and protective equipment
	before entering eating areas. See also Section 8 for
	additional information on hygiene measures.
100 mM dNTP Mix (25 mM	Eating, drinking and smoking should be prohibited in
each dNTP)	areas where this material is handled, stored and
	processed. Workers should wash hands and face
	before eating, drinking and smoking. Remove
	contaminated clothing and protective equipment
	before entering eating areas. See also Section 8 for
	additional information on hygiene measures.
Herculase II Fusion DNA	Eating, drinking and smoking should be prohibited in
Polymerase	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	Eating, drinking and smoking should be prohibited in
Buffer	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

	SureSelect XT HS and XT Low Input Blocker Mix	processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for
	SureSelect Fast Hybridization 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.
	SureSelect RNase Block	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	SureSelect Post-Capture Primer Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	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, 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 unlabelled

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

	ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for
Herculase II Fusion DNA Polymerase	incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled
5X Herculase II Reaction Buffer	containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled
SureSelect Binding Buffer	containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled
SureSelect Wash Buffer 1	containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid
SureSelect Wash Buffer 2	environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect XT HS and XT Low Input Blocker Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a

SureSelect XT Low Input Reagent Kit, index 97-192 + Human All Exon V7 Target Enrichment Baits, 96 rxn, auto, Part Number G9508N

Section 7. Handling and storage

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

: 19/04/2022

Section 7. Handling and storage

SSel XT Low Input Human All Exon V7, 96 Reactions Automation direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for

incompatible materials before handling or use.

Section 8. Exposure controls and personal protection

	Contro	l parameters
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Occupational exposure limits

Ingredient name	Exposure limits
End Repair-A Tailing Enzyme Mix Glycerol	Safe Work Australia (Australia, 12/2019). TWA: 10 mg/m³ 8 hours.
T4 DNA Ligase	
Glycerol	Safe Work Australia (Australia, 12/2019). TWA: 10 mg/m³ 8 hours.
Ligation Buffer	
Polyethylene glycol	DFG MAC-values list (Germany, 8/2020). PEAK: 400 mg/m ³ , 4 times per shift, 15 minutes. Form: inhalable fraction TWA: 200 mg/m ³ 8 hours. Form: inhalable fraction
Glycerol	Safe Work Australia (Australia, 12/2019). TWA: 10 mg/m³ 8 hours.
Herculase II Fusion DNA Polymerase	
Glycerol	Safe Work Australia (Australia, 12/2019). TWA: 10 mg/m³ 8 hours.
SureSelect RNase Block	
Glycerol	Safe Work Australia (Australia, 12/2019). TWA: 10 mg/m³ 8 hours.
SSEL XT HS and XT Low Input Custom Capture Library Glycerol	Safe Work Australia (Australia, 12/2019). TWA: 10 mg/m³ 8 hours.

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

Individual protection measures

SureSelect XT Low Input Reagent Kit, index 97-192 + Human All Exon V7 Target Enrichment Baits, 96 rxn, auto, Part Number G9508N

Section 8. Exposure controls and personal protection

Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Skin protection	
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Body protection	 Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	 Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties and safety characteristics

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

Appearance

Physical state	:	End Repair-A Tailing	Liquid.
		Enzyme Mix End Repair-A Tailing Buffer	Liquid.
		T4 DNA Ligase	Liquid.
		Ligation Buffer	Liquid.
		Adaptor Oligo Mix	Liquid.
		Forward Primer	Liquid.
		100 mM dNTP Mix (25 mM each dNTP)	Liquid.
		Herculase II Fusion DNA Polymerase	Liquid.
		5X Herculase II Reaction Buffer	Liquid.
		SureSelect Binding Buffer	Liquid.
		SureSelect Wash Buffer 1	Liquid.
		SureSelect Wash Buffer 2	Liquid.
		SureSelect XT HS and XT Low Input Blocker Mix	Liquid.
		SureSelect Fast Hybridization Buffer	Liquid.
		SureSelect RNase Block	Liquid.
		SureSelect Post-Capture Primer Mix	Liquid.
		SureSelect XT Low Input Index Bulk Set 2 A01-H12	Liquid.
		SSEL XT HS and XT Low Input Custom Capture Library	Liquid.
		SSel XT Low Input Human All Exon V7, 96 Reactions Automation	Liquid.

Colour :	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	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, 96 Reactions Automation	Not available.
Odour :	End Repair-A Tailing	Not available.
	Enzyme Mix End Repair-A Tailing Buffer	Not available.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 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	Not available.
	Primer Mix SureSelect XT Low Input	Not available.
	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, 96 Reactions Automation	

Odour threshold :	End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing Buffer	Not available.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM	Not available.
	each dNTP)	
	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	Not available.
	Primer Mix	
	SureSelect XT Low Input	Not available.
	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, 96 Reactions	
	Automation	
pH :	End Repair-A Tailing	6.5
	Enzyme Mix	0
	End Repair-A Tailing Buffer	8
	T4 DNA Ligase	7.5
	Ligation Buffer	8
	Adaptor Oligo Mix	7.5
	Forward Primer	7.5
	100 mM dNTP Mix (25 mM each dNTP)	7.5
	Herculase II Fusion DNA	8.2
	Polymerase	0.2
	5X Herculase II Reaction	9.5 to 10.5
	Buffer	0.0 10 10.0
	SureSelect Binding Buffer	7.5
	SureSelect Wash Buffer 1	7.5
	SureSelect Wash Buffer 2	7
	SureSelect XT HS and XT	7.5
	Low Input Blocker Mix	
	SureSelect Fast	Not available.
	Hybridization Buffer	
	SureSelect RNase Block	7.6
	SureSelect Post-Capture	7.5
	Primer Mix	
	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, 96 Reactions	
	Automation	

characteristics			
Melting point/freezing point	:	End Repair-A Tailing Enzyme Mix	Not available.
		End Repair-A Tailing Buffer	0°C (32°F)
		T4 DNA Ligase	Not available.
		Ligation Buffer	Not available.
		Adaptor Oligo Mix	0°C (32°F)
		Forward Primer	0°C (32°F)
		100 mM dNTP Mix (25 mM each dNTP)	Not available.
		Herculase II Fusion DNA Polymerase	Not available.
		5X Herculase II Reaction Buffer	Not available.
		SureSelect Binding Buffer	Not available.
		SureSelect Wash Buffer 1	0°C (32°F)
		SureSelect Wash Buffer 2	0°C (32°F)
		SureSelect XT HS and XT Low Input Blocker Mix	0°C (32°F)
		SureSelect Fast	Not available.
		Hybridization Buffer	
		SureSelect RNase Block	Not available.
		SureSelect Post-Capture Primer Mix	0°C (32°F)
		SureSelect XT Low Input Index Bulk Set 2 A01-H12	0°C (32°F)
		SSEL XT HS and XT Low Input Custom Capture Library	0°C (32°F)
		SSel XT Low Input Human All Exon V7, 96 Reactions Automation	0°C (32°F)
Boiling point, initial boiling point, and boiling range	:	End Repair-A Tailing Enzyme Mix	Not available.
, · · · · , · · · · · · · · · · · · · ·		End Repair-A Tailing Buffer	100°C (212°F)
		T4 DNA Ligase	Not available.
		Ligation Buffer	Not available.
		Adaptor Oligo Mix	100°C (212°F)
		Forward Primer	100°C (212°F)
		100 mM dNTP Mix (25 mM each dNTP)	Not available.
		Herculase II Fusion DNA Polymerase	Not available.
		5X Herculase II Reaction Buffer	Not available.
		SureSelect Binding Buffer	Not available.
		SureSelect Wash Buffer 1	100°C (212°F)
		SureSelect Wash Buffer 2 SureSelect XT HS and XT	100°C (212°F) 100°C (212°F)
		Low Input Blocker Mix	100 C (2121)
		SureSelect Fast Hybridization Buffer	Not available.
		SureSelect RNase Block	Not available.
		SureSelect Post-Capture Primer Mix	100°C (212°F)
		SureSelect XT Low Input Index Bulk Set 2 A01-H12	100°C (212°F)
		SSEL XT HS and XT Low Input Custom Capture Library	100°C (212°F)
		SSel XT Low Input Human All Exon V7, 96 Reactions Automation	100°C (212°F)
Flash point	:		

Date of issue/Date of revision

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

tics							
	SureSelect Wash Buffer 2						1
	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, 96 Reactions Automation						
	Edetic acid	>100	>212	DIN 51758			
	(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230				
:	End Repair-A Tailing Enzyme Mix		Not avail	able.			
	End Repair-A Tailing T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (2		Not avail Not avail Not avail Not avail Not avail Not avail	able. able. able. able.			
	each dNTP) Herculase II Fusion I Polymerase		Not avail				
	5X Herculase II Read Buffer		Not avail				
	SureSelect Binding E SureSelect Wash Bu	ffer 1	Not avail Not avail	able.			
	SureSelect Wash Bu SureSelect XT HS ar		Not avail Not avail				

Evaporation rate

		Low Input Blocker Mix SureSelect Fast Hybridization Buffer	Not available.
			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, 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	Not applicable.
		each dNTP)	Not applicable.
		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 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 All Exon V7, 96 Reactions Automation	Not applicable.
Lower and upper explosion limit/flammability limit	:	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	Not available.

	Hybridization Buffer SureSelect RNase Block Not available. SureSelect Post-Capture Not available. Primer Mix SureSelect XT Low Input Not available. 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, 96 Reactions Automation							
Vapour pressure :		Vapou	ı <mark>r Pressu</mark>	re at 20°C	Vapour pressure at 50°C			
	Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method	
	End Repair-A Tailing Enzyme Mix							
	water	23.8	3.2		92.258	12.3		
	Adenosine 5'- (tetrahydrogen triphosphate), disodium salt	<0.00075006	<0.0001		<0.00075006	<0.0001		
	End Repair-A Tailing Buffer							
	water	23.8	3.2		92.258	12.3		
	Adenosine 5'- (tetrahydrogen triphosphate), disodium salt	<0.00075006	<0.0001		<0.00075006	<0.0001		
	T4 DNA Ligase							
	water	23.8	3.2		92.258	12.3		
	Glycerol	0.000075	0.00001		0.0025	0.00033		
	Ligation Buffer							
	water	23.8	3.2		92.258	12.3		
	Glycerol	0.000075	0.00001		0.0025	0.00033		
	Adaptor Oligo Mix							
	water	23.8	3.2		92.258	12.3		
	2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001		
	Forward Primer							
	water	23.8	3.2		92.258	12.3		
	2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001		
	100 mM dNTP Mix (25 mM each dNTP)							
	water	23.8	3.2		92.258	12.3		
	2-Amino-2-	0.000027	0.0000036		0.000007501	0.000001		

: 19/04/2022

Date of previous issue

:04/03/2022

Date of issue/Date of revision

		<u>.</u>						
(hydroxymethyl)propane- 1,3-diol hydrochloride								
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								
water	23.8	3.2		92.258	12.3			
Sodium dodecyl sulphate	≤0.0013501	≤0.00018						
SureSelect XT HS and XT Low Input Blocker Mix								
water	23.8	3.2		92.258	12.3			
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001			
SureSelect Fast Hybridization Buffer								
water	23.8	3.2		92.258	12.3			
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001			
SureSelect RNase Block								
water	23.8	3.2		92.258	12.3			
Glycerol	0.000075	0.00001		0.0025	0.00033			
SureSelect Post-								
: 19/04/2022 Date of p	previous iss	sue	:04/03/2022		Version	: 3.1	46/69	Į

O					1	
Capture Primer Mix						
water	23.8	3.2		92.258	12.3	
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
SureSelect XT 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		0.000007501	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, 96 Reactions Automation						
water	23.8	3.2		92.258	12.3	
Glycerol	0.000075	0.00001		0.0025	0.00033	
		Not avail	able.		•	
End Repair-A Tailing T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (2 each dNTP) Herculase II Fusion I Polymerase 5X Herculase II Read Buffer SureSelect Binding B SureSelect Wash Bu SureSelect Wash Bu SureSelect Wash Bu SureSelect Tast Hybridization Buffer SureSelect Fast Hybridization Buffer SureSelect RNase Bi SureSelect RNase Bi SureSelect RNase Bi SureSelect RNase Bi SureSelect Post-Cap Primer Mix SureSelect XT Low In Index Bulk Set 2 A01 SSEL XT HS and XT Input Custom Captur SSel XT Low Input H All Exon V7, 96 Read	25 mM DNA ction Guffer ffer 1 ffer 2 ad XT x lock ture nput -H12 Low e Library uman	Not avail Not avail	able. able. able. able. able. able. able. able. able. able. able. able. able. able.			
	2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride SureSelect XT Low Input Index Bulk Set 2 A01-H12 water 2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride SSEL XT HS and XT Low Input Custom Capture Library water Glycerol SSel XT Low Input Human All Exon V7, 96 Reactions Automation water Glycerol End Repair-A Tailing Enzyme Mix End Repair-A Tailing T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (2 each dNTP) Herculase II Fusion I Polymerase 5X Herculase II React Buffer SureSelect Binding E SureSelect Wash Bu SureSelect Wash Bu SureSelect XT HS ar Low Input Blocker Mi SureSelect RNase B SureSelect RNase B SureSelect RNase B SureSelect RNase B SureSelect RNase B SureSelect XT Low In Index Bulk Set 2 A01 SSEL XT HS and XT Input Custom Captur SSel XT Low Input H	water23.82-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride0.000027SureSelect XT Low Input Index Bulk Set 2 A01-H120.000027water23.82-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride0.000027SSEL XT HS and XT Low Input Custom Capture Library0.000027water23.8Glycerol0.000075SSel XT Low Input Human All Exon V7, 96 Reactions Automation23.8Glycerol0.000075End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect XT HS and XT Low Input Blocker Mix SureSelect RNase Block SureSelect RNase Block SureSelect T Nase Block SureSelect XT Low Input Index Bulk Set 2 A01-H12 SSEL XT HS and XT Low Input Custom Capture Library SSel XT Low Input Human All Exon V7, 96 Reactions	water23.83.22-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride0.0000270.0000036SureSelect XT Low Input Index Bulk Set 2 A01-H1223.83.2water23.83.20.0000272-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride0.0000270.0000036SSEL XT HS and XT Low Input Custom Capture Library0.0000750.00001SSel XT Low Input Human All Exon V7, 96 Reactions Automation23.83.2Glycerol0.0000750.00001SSel XT Low Input Human All Exon V7, 96 Reactions AutomationNot avail Ligation Bufferwater23.83.2Glycerol0.0000750.00001End Repair-A Tailing Ligation BufferNot avail Not avail Ligation BufferAdaptor Oligo Mix PolymeraseNot avail Rot avail SureSelect Binding BufferSt Herculase II Reaction SureSelect Wash Buffer 1 Not avail SureSelect RNase Block SureSelect RNase Block Not avail SureSelect RN	water23.83.22-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride0.0000270.000036SureSelect XT Low Input Index Bulk Set 2 A01-H120.0000270.000036water23.83.22-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride0.0000270.000036SSEL XT HS and XT Low input Custom Capture Library0.0000750.000016SSel XT Low Input Human All Exon V7, 96 Reactions Automation water23.83.2Glycerol0.0000750.00001SSel XT Low Input Human All Exon V7, 96 Reactions Automation waterNot available.TA DNA LigaseNot available.End Repair-A Tailing Enzyme MixNot available.End Repair-A Tailing Enzyme MixNot available.Forward PrimerNot available.Idgation Buffer Adaptor Oligo MixNot available.Not available.Not available.Idgation Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect Rinding Buffer 1 SureSelect Rinding Buffer 1 SureSelect Rinding Buffer SureSelect Rinding Buffer SureSelect Rinding Buffer SureSelect Rindise Block SureSelect Rindise Block SureSelect Rindise Block SureSelect XT HS and XT SureSelect XT Low Input SureSelect XT Low Input Not available.SureSelect XT HS and XT SureSelect XT HS and XT SureSelect XT Low Input Rus available.SureSelect Rindise Block SureSelect XT Low Input Rus available.SureSelect XT Low Input Sel XT HS and XT Low Not available.SureSelect XT Low Input Rus ava	water23.83.292.2582-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochionide0.0000270.0000360.00007501SureSelect XT Low Input Index Bulk Set 2 A01-H120.0000270.0000360.00007501water23.83.292.2582-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochionide0.0000270.0000360.00007501SSEL XT HS and XT Low input Custom Capture Library0.0000750.000010.00025SSel XT Low Input Human AII Exon V7, 96 Reactions Automation0.0000750.000010.0025SSel XT Low Input Human AII Exon V7, 96 Reactions Automation0.0000750.000010.0025Sigverol0.0000750.000010.00250.0025Sol XT Low Input Human AII Exon V7, 96 Reactions AutomationNot available. Not available.0.0025Sigverol0.0000750.000010.0025Ind Repair-A Tailing End Repair-A Tailing Enzyme MixNot available. Not available.0.0025Ind Mither Not Available.Not available. Not available.Not available.Journ Md NTP Mix (25 mMNot available. Not available.Not available.SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT SureSelect Past SureSelect Past SureSelect Past SureSelect Past Expression SureSelect Past Expression SureSelect Past Expression SureSelect Past Expression SureSelect Past Expression SureSelect XT Low Input Not available.Not available.SureSelect Past Capture Primer Mix <br< th=""><th>water 23.8 3.2 92.258 12.3 2-Amino-2- (hydroxymethyl)propan- 1,3-diol hydrochloride 0.000027 0.000036 0.00007501 0.00001 SureSelect XT Low Input Index Bulk Set 2 A01-H12 23.8 3.2 92.258 12.3 water 23.8 3.2 92.258 12.3 2-Amino-2- (hydroxymethyl)propan- 1,3-diol hydrochloride 0.000027 0.000036 0.00007501 0.00001 SSEL XT HS and XT Low Input Custom Capture Library 0.000075 0.00001 0.0025 0.00033 Sel XT Low Input Human All Exon V7, 96 Reactions Automation 23.8 3.2 92.258 12.3 Glycerol 0.000075 0.0001 0.0025 0.00033 End Repair-A Tailling Enzyme Mix Not available. Not available. Horavailable. Igation Buffer Not available. Not available. Horavailable. Not available. Horavailable. Horavailable. Horavailable. SureSelect Mash Buffer 1 Not available. Not available. SureSelect XT HS and XT Not available. Not available. Hybridization Buffer Not available. Hybridization Buffer</th></br<>	water 23.8 3.2 92.258 12.3 2-Amino-2- (hydroxymethyl)propan- 1,3-diol hydrochloride 0.000027 0.000036 0.00007501 0.00001 SureSelect XT Low Input Index Bulk Set 2 A01-H12 23.8 3.2 92.258 12.3 water 23.8 3.2 92.258 12.3 2-Amino-2- (hydroxymethyl)propan- 1,3-diol hydrochloride 0.000027 0.000036 0.00007501 0.00001 SSEL XT HS and XT Low Input Custom Capture Library 0.000075 0.00001 0.0025 0.00033 Sel XT Low Input Human All Exon V7, 96 Reactions Automation 23.8 3.2 92.258 12.3 Glycerol 0.000075 0.0001 0.0025 0.00033 End Repair-A Tailling Enzyme Mix Not available. Not available. Horavailable. Igation Buffer Not available. Not available. Horavailable. Not available. Horavailable. Horavailable. Horavailable. SureSelect Mash Buffer 1 Not available. Not available. SureSelect XT HS and XT Not available. Not available. Hybridization Buffer Not available. Hybridization Buffer

	Enzyme Mix	
	End Repair-A Tailing Buffer	Not available.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 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	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT	Not available.
	Low Input Blocker Mix	Not available.
	SureSelect Fast	Not available.
		Not available.
	Hybridization Buffer	
	SureSelect RNase Block	Not available.
	SureSelect Post-Capture	Not available.
	Primer Mix	.
	SureSelect XT Low Input	Not available.
	Index Bulk Set 2 A01-H12	
	SSEL XT HS and XT Low	Not available.
	Input Custom Capture Library	ý l
	SSel XT Low Input Human	Not available.
	All Exon V7, 96 Reactions	
	Automation	
Solubility	: End Repair-A Tailing	Easily soluble in the following materials: cold water
	Enzyme Mix	and hot water.
	End Repair-A Tailing Buffer	Easily soluble in the following materials: cold water
		and hot water.
	T4 DNA Ligase	Easily soluble in the following materials: cold water
	14 DIWY LIGUOU	and hot water.
	Ligation Buffer	Easily soluble in the following materials: cold water
	Eigation Ballol	and hot water.
	Adaptor Oligo Mix	Easily soluble in the following materials: cold water
	Adaptor Oligo Mix	and hot water.
	Forward Primer	Easily soluble in the following materials: cold water
	I Olwaid Filliel	and hot water.
	100 mM dNTP Mix (25 mM	Easily soluble in the following materials: cold water
		and hot water.
	each dNTP)	
	Herculase II Fusion DNA	Easily soluble in the following materials: cold water
	Polymerase	and hot water.
	5X Herculase II Reaction	Easily soluble in the following materials: cold water
	Buffer	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	and hot water.
	SureSelect RNase Block	Easily soluble in the following materials: cold water
		and hot water.
	SureSelect Post-Capture	Easily soluble in the following materials: cold water
	SureSelect Post-Capture Primer Mix	Easily soluble in the following materials: cold water and hot water.

actanol/water Enzyme Mix Not applicable. End Repair-A Tailing Buffer Adaptor Oligo Mix Not applicable. Not applicable. Not applicable. Adaptor Oligo Mix Not applicable. 100 mM dNTP Mix (25 mM Not applicable. Buffer Not applicable. SX Herculase II Reaction Not applicable. Buffer Not applicable. SureSelect Wash Buffer Not applicable. SureSelect Wash Buffer Not applicable. SureSelect Fast Not applicable. SureSelect Post-Capture Not applicable. Hybridization Buffer Not applicable. SureSelect Post-Capture Not applicable. Hybridization Buffer Not applicable. SureSelect Post-Capture Not applicable. Hybridization Buffer Not applicable. SureSelect XT Low Input Human Not applicable. Ingredent name *C *F Method End Repair-A Tailing Enzyme Mix Glycerol 11 Ingredent name *C *F Method Glycerol 370 698 14 DNA Ligase 380 680 Glycerol 370 698 12 addre Orligo Mix 2400 >752 VDI 2263	characteristics				
Auto-ignition temporature Sel XT Low Input Human Easily solubile in the following materials: cold water Automation Easily solubile in the following materials: cold water Partition coefficient: n- octanol/water End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer Not applicable. T4 DNA Ligase Not applicable. Not applicable. Adaptor Oligo Mix Adaptor Oligo Mix Each MITP Mix (25 mM each MITP) Not applicable. Herculase II Rescinon Not applicable. SureSelect Binding Buffer SureSelect Wash Buffer 1 Not applicable. SureSelect Binding Buffer SureSelect Binding Buffer Not applicable. SureSelect Binding Buffer SureSelect Binding Buffer Not applicable. SureSelect Binding Buffer SureSelect Past Not applicable. SureSelect Binding Buffer SureSelect Past Not applicable. SureSelect Binding Buffer SureSelect Past Not applicable. SureSelect Sinding Buffer SureSelect Past Not applicable. SureSelect Sinding Buffer SureSelect Past Not applicable. SureSelect Sinding Buffer Miter Mix Not applicable. SureSelect Sinding Buffer Miter Mix Not applicable. SureSelect XT HS and XT Low Input Custom Capture Library Sel XT Low Input Human Not applicable.			and hot water		
Sel XT Low Input Human All Exon V7, 96 Reactions Automation Easily soluble in the following materials: cold water and hot water. Partition coefficient: n- octanol/water End Repair A Tailing Enzyme Mix End Repair A Tailing Buffer T4 DNA Ligase Ligation Buffer 100 mM dMTP Mix (25 mM each oNTP) Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. 90/merzae SX Herculase II Fusion DNA Herculase II Fusion DNA Buffer SureSelect Binding Buffer SureSelect Binding Buffer SureSelect Binding Buffer SureSelect Binding Buffer SureSelect Binding Buffer SureSelect Rate Hybridtzicable. Not applicable. Not applicable. SureSelect Binding Buffer SureSelect Rate Hybridtzicable. Not applicable. Not applicable. Not applicable. Not applicable. SureSelect Binding Buffer SureSelect Rate Hybridtzicable. Not applicable. Not applicable. Not applicable. SureSelect Rate Hybridtzicable. Not applicable. Not applicable. Not applicable. SureSelect XT HS and XT SureSelect XT HS and XT SureSelect XT Now Input SureSelect XT Bard XT SureSelect XT Bard XT SureSele					ng materials: cold water
Auto-significient: n- octanol/water Partition coefficient: n- octanol/water End Repair-A Tailing Buffer TA DNA Ligase End Repair-A Tailing Buffer TA DNA Ligase Tailing Buffer TA DNA Ligase Tailing Buffer SureSelect Binding Buffer SureSelect Sinding Buffer SureSelect TH Sand XT HS and XT HS and XE Polymerase SX Herculase II Fusion DNA Polymerase SX Herculase II Fusion DNA Polymerase SX Herculase II Fusion DNA Polymerase SX Herculase II Reaction Buffer SureSelect Sinding Buffer SureSelect TH Sand XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect ST HS and XT Low Index Suft Set 2 A01-HT Not applicable. Not applic					
Partition coefficient: n- octanol/water : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Adaptor Oligo Mix each dNTP) Herculase II Fusion DNA Polymerase SX Herculase II Fusion DNA Polymerase SX Herculase II Fusion DNA Doi applicable. Not appli		All Exon V7, 96 Reactions			ng materials: cold water
actanol/water Enzyme Mix Not applicable. End Repair-A Tailing Buffer Adaptor Oligo Mix Not applicable. Not applicable. Not applicable. Adaptor Oligo Mix Not applicable. 100 mM dNTP Mix (25 mM Not applicable. Buffer Not applicable. SX Herculase II Reaction Not applicable. Buffer Not applicable. SureSelect Wash Buffer Not applicable. SureSelect Wash Buffer Not applicable. SureSelect Fast Not applicable. SureSelect Post-Capture Not applicable. Hybridization Buffer Not applicable. SureSelect Post-Capture Not applicable. Hybridization Buffer Not applicable. SureSelect Post-Capture Not applicable. Hybridization Buffer Not applicable. SureSelect XT Low Input Human Not applicable. Ingredent name *C *F Method End Repair-A Tailing Enzyme Mix Glycerol 11 Ingredent name *C *F Method Glycerol 370 698 14 DNA Ligase 380 680 Glycerol 370 698 12 addre Orligo Mix 2400 >752 VDI 2263		Automation			
Auto-ignition temperature T4 DNA Ligase Not applicable. Higation Suffer Not applicable. Forward Primer Not applicable. 100 mM dNTP Mix (25 mM Not applicable. each dNTP) Herculase II Fusion DNA Herculase II Fusion DNA Not applicable. SV Herculase II Reaction Not applicable. SureSelect Wash Buffer Not applicable. SureSelect Wash Buffer S Not applicable. SureSelect Wash Buffer Not applicable. SureSelect Rost-Capture Not applicable. SureSelect Post-Capture Not applicable. Primer Mix SureSelect XT Low Input Not applicable. SureSelect XT Low Input Human Not applicable. Index Sold XI Low Net applicable. Index Sold XI Low Input Human Not applicable. Not applicable. Index Sold XI Low Input Human Not applicable. Ingue In Annee *C *F Method Edmon V7, 90 Reactions atom V7, 90 Reactions <t< td=""><td>Partition coefficient: n- octanol/water</td><td></td><td>Not applicable</td><td>9.</td><td></td></t<>	Partition coefficient: n- octanol/water		Not applicable	9.	
Ligation Buffer Not applicable. Adaptor Oligo Mix Not applicable. 100 mM dNTP Mix (25 mM Not applicable. each dNTP) Herculase II Fusion DNA Polymerase Not applicable. SX Herculase II Reaction Not applicable. Buffer Not applicable. SureSelect Wash Buffer Not applicable. SureSelect Wash Buffer 1 Not applicable. SureSelect Wash Buffer 1 Not applicable. SureSelect XT HS and XT Not applicable. Low Input Blocker Mix SureSelect AT HS and XT SureSelect Rase Block Not applicable. SureSelect XT HS and XT tow applicable. SureSelect Rase Block SureSelect Rase Block Not applicable. Index Buffer Not applicable. Index Buffer Not applicable. Index Buffer Not applicable. Index Buffer Not app		End Repair-A Tailing Buffer	Not applicable	Э.	
Adaptor Oligo Mix Not applicable. Forward Primer Not applicable. 100 mM dNTP Wix (25 mM Not applicable. each dNTP) Herculase II Fusion DNA Polymerase Not applicable. SX Herculase II Fusion DNA Not applicable. Buffer Not applicable. SureSelect Wash Buffer 1 Not applicable. SureSelect Wash Buffer 2 Not applicable. SureSelect Wash Buffer 1 Not applicable. SureSelect Wash Buffer 1 Not applicable. SureSelect Wash Buffer 1 Not applicable. SureSelect Rast Not applicable. Primer Mix SureSelect Rast Not applicable. SureSelect Rast Not applicable. Index Mix Set 2 AD1 H12 SSEL XT HS and XT Low Input Human All Exon V7, 96 Reactions Automation Not applicable. Auto-ignition temperature Ingredient name *C *F Method End Repair A Tailing Enzyme Mix 370 698 <td></td> <td>T4 DNA Ligase</td> <td>Not applicable</td> <td>э.</td> <td></td>		T4 DNA Ligase	Not applicable	э.	
Forward Primer Not applicable. 100 mM dNTP Mix (25 mM Not applicable. each dNTP) Herculase II Fusion DNA Polymerase Not applicable. SX Herculase II Reaction Not applicable. Buffer Not applicable. SureSelect Wash Buffer 1 Not applicable. SureSelect Wash Buffer 2 Not applicable. SureSelect XT HS and XT Not applicable. Low Input Biocker Mix Not applicable. SureSelect Rase Block Not applicable. Index Bulk Set 2 A01-H12 Not applicable. Sale T Head Tow Input Custom Capture Library Not applicable. Altorneline<		Ligation Buffer	Not applicable	э.	
Auto-ignition temperature 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase Not applicable. SU Herculase II Fusion DNA Buffer Not applicable. SureSelect Binding Buffer SureSelect Wash Buffer 1 Not applicable. SureSelect Wash Buffer 2 Not applicable. SureSelect Wash Buffer 1 Not applicable. SureSelect Wash Buffer 2 Not applicable. SureSelect Wash Buffer 1 Not applicable. SureSelect Wash Buffer 1 Not applicable. SureSelect Rhase Block Not applicable. SureSelect Rhase Block Not applicable. SureSelect TRase Block Not applicable. SureSelect Trast Not applicable. Index Duk Set 2 401 H12 SEL XT HS and XT Low Input Human All Exon V7, 96 Reactions Automation Auto-ignition temperature Ingredient name °C °F Method Glycerol 370 698 Igation Buffer 370 698 Polyethylene glycol 360 680 <			Not applicable	Э.	
each dNTP) Herculase II Fusion DNA Polymerase Not applicable. SX Herculase II Reaction Buffer Not applicable. Not applicable. SureSelect Wash Buffer 1 Not applicable. Not applicable. SureSelect Wash Buffer 2 Not applicable. Not applicable. SureSelect X Hash and XT Not applicable. Not applicable. SureSelect Fast Not applicable. Not applicable. SureSelect TA TS and XT Low Not applicable. Not applicable. SureSelect TA TS and XT Low Not applicable. Index Bulk Set 2 A01-H12 SSEL XT LS and XT Low Not applicable. Index Bulk Set 2 A01-H12 SSEL XT LS and XT Low Not applicable. Index Bulk Set 2 A01-H12 SSEL XT LS and XT Low Not applicable. Index Bulk Set 2 A01-H12 SSEL XT LS and XT Low Not applicable. Index Bulk Set 2 A01-H12 SUBSECT SECONDERATION Not applicable. Index Bulk Set 2 A01-H12 Giyeerol 370 698		Forward Primer	Not applicable	Э.	
Polymerase Not applicable. SX H=roulase II Reaction Not applicable. Buffer SureSelect Wash Buffer 1 Not applicable. SureSelect Wash Buffer 2 Not applicable. SureSelect X Band XT Not applicable. SureSelect Fast Not applicable. SureSelect Fast Not applicable. SureSelect Rase Block Not applicable. SureSelect Tost-Capture Not applicable. Primer Mix SureSelect X TLS on XT. SureSelect X TLS und XT. Not applicable. Primer Mix SureSelect X TLOW Input Not applicable. SureSelect X TLS on XT. SureSelect X TLS and XT. Not applicable. Index Bulk Set 2 A01-H12 Not applicable. SSELST HS and XT. Not applicable. Input Custom Capture Library Not applicable. Input Custom Capture Library Not applicable. Auto-ignition temperature Ingredient name °C °F Eddent name °C °F Method Idyearol 370 698 Iligation Buffer Polyethylene glycol 360 680 Iligatio			Not applicable	9.	
Buffer Sure Select Wash Buffer 1 Not applicable. Sure Select Wash Buffer 1 Not applicable. Sure Select Wash Buffer 2 Not applicable. Sure Select Wash Buffer 1 Not applicable. Sure Select Wash Buffer 2 Not applicable. Low Input Blocker Mix Not applicable. Sure Select RNase Block Not applicable. Sure Select Tox Capture Not applicable. Primer Mix Sure Select Tox Low Input Not applicable. Sure Select Tox Low Input Lubrary Not applicable. Sure Select Tox Low Input Lubrary Not applicable. Sure Select Tox Low Input Lubrary Not applicable. Ingredient name *C *F Muto-ignition temperature * Ingredient name *C Sigerol 370 698 * Idation Buffer * * * Polyethylene glycol 360 680 * Glycerol 370 698 * * Ligation Buffer * * * * * Polyethylene glycol 360 680 * * <td< td=""><td></td><td>Polymerase</td><td>Not applicable</td><td>9.</td><td></td></td<>		Polymerase	Not applicable	9.	
Sure-Select Wash Buffer 1 Not applicable. Sure-Select Wash Buffer 2 Not applicable. Sure-Select X1 HS and XT Not applicable. Low Input Blocker Mix Not applicable. Sure-Select X1 HS and XT Not applicable. Sure-Select Raise Block Not applicable. Hybridization Buffer Sure-Select Post-Capture Not applicable. Sure-Select Post-Capture Not applicable. Not applicable. Primer Mix Sure-Select X1 Low Input Homan Not applicable. Sure-Select X1 Low Input Human Not applicable. Input Custom Capture Library SSEI XT Low Input Human Not applicable. Input Custom Capture Library SSEI XT Low Input Human Not applicable. Ingredient name Auto-ignition temperature 1 Ingredient name C °F Method End Repair-A Tailing Enzyme Mix Glycerol 370 698 1 Idation Buffer Ingeredient Name Glycerol 370 698 1 1 Polyethylene glycol 360 680 1 1 1 1 1 1 1 1 1 1<		Buffer	Not applicable	9.	
SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Not applicable. Hybridzation Buffer SureSelect RNase Block Not applicable. SureSelect RNase Block Not applicable. SureSelect XT Low Input SureSelect XT Low Input SureSelect XT Low Input SureSelect XT Low Input SureSelect XT Low Input SSEL XT HS and XT Low Not applicable. Not applicable. Not applicable. Index Bulk Set 2 A01-H12 Not applicable. SSEL XT Low Input Ut Custom Capture Library SSel XT Low Input Human All Exon V7, 96 Reactions Automation Not applicable. Auto-ignition temperature Ingredient name °C °F Method End Repair-A Tailing Enzyme Mix Glycerol 370 698 Ingredient name °C °F Method Ligation Buffer 370 698 Ingredient caid 370 698 Ingredient caid 860 Ingredient caid 9400 >752 VDI 2263 Adaptor Oligo Mix RTP) Edetic acid 2400 >752 VDI 2263 Ingredient caid					
SureSelect XT HS and XT Low Input Blocker Mix Not applicable. Low Input Blocker Mix Not applicable. SureSelect Fast Not applicable. Hybridization Buffer SureSelect Post-Capture SureSelect Post-Capture Not applicable. Primer Mix SureSelect TLow Input SureSelect XT Low Input Not applicable. Index Bulk Set 2 A01-H12 SSE SEL XT Low Input Human SSI XT Low Input Human AII Exon V7, 96 Reactions Not applicable. Auto-ignition temperature Ingredient name °C °F Method End Repair-A Tailing Enzyme Mix 370 698 Glycerol 370 698 Ingredient name 698 Ligation Buffer 900 5752 VDI 2263 Polyethylene glycol 360 680 680 Glycerol 370 698 Index of the cold Adaptor Oligo Mix 2400 5752 VDI 2263 Edetic acid 2400 5752 VDI 2263					
Low Input Blocker Mix SureSelect Fast Not applicable. Hybridization Buffer SureSelect Nase Block Not applicable. SureSelect Not applicable. Primer Mix SureSelect XT Low Input Not applicable. 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. 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. 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. 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. 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. 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. Index Bulk Set 2 A01-H12 SSEL XT HS and XT Low Not applicable. Auto-ignition temperature I Ingredient name °C °F Method End Repair-A Tailing Enzyme Mix Glycerol 370 698 I igation Buffer Polyethylene glycol 360 680 Glycerol 370 698 I igation Buffer Polyethylene glycol 360 680 I igation Buffer Polyethylene glycol 370 698 I igation Buffer Polyethylene glycol 360 680 I igation Buffer Polyethylene glycol 370 I igation Buffer I					
Hybridization Buffer T SureSelect RNase Block Not applicable. SureSelect XSecCapture Not applicable. Primer Mix SureSelect XT Low Input Not applicable. Index Bulk Set 2 A01-H12 Not applicable. SSEL XT HS and XT Low Not applicable. Index Bulk Set 2 A01-H12 Not applicable. SSEL XT HS and XT Low Not applicable. Index Bulk Set 2 A01-H12 Not applicable. SSEL XT HS and XT Low Not applicable. Index Bulk Set 2 A01-H12 Not applicable. SSEL XT Low Input Human Not applicable. Auto-ignition temperature Ingredient name °C °F Method Glycerol 370 698 I igation Buffer 698 698 698 Ligation Buffer 698 698 698 Ligation Buffer 698 698 698 Adaptor Oligo Mix 2400 >752 VDI 2263 Forward Primer 2400 >752 VDI 2263 Iou mM dNTP Mix (25 mM each MTP) 2400 >752 VDI 2263		Low Input Blocker Mix			
SureSelect RNase Block Not applicable. SureSelect Yost-Capture Not applicable. Primer Mix 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 SSEI XT Low Input Human SSEI XT Low Input Human Not applicable. Auto-ignition temperature Ingredient name °C °F Method End Repair-A Tailing Enzyme Mix 698 698 Igrerol 370 698 698 Ligation Buffer 6190 698 698 Polyethylene glycol 360 680 680 Glycerol 370 698 698 Ligation Buffer 74 00 2752 VDI 2263 Polyethylene glycol 360 880 680 Glycerol 370 698 698 Ligation Buffer 2400 2752 VDI 2263 Forward Primer Edetic acid 2400 2752 VDI 2263 100 mM dNTP Mix (25 mM each dittrp) <			Not applicable	Э.	
SureSelect Post-Capture Not applicable. Primer Mix SureSelect XT Low Input Not applicable. Index Bulk Set 2 A01-H12 SEL XT HS and XT Low Not applicable. Index Dulk Set 2 A01-H12 SSEL XT HS and XT Low Not applicable. Input Custom Capture Library SSEI XT Low Input Human Not applicable. Auto-ignition temperature Ingredient name °C °F Method End Repair-A Tailing Enzyme Mix Giycerol 370 698 1 It gation Buffer Polyethylene glycol 360 680 1 Polyethylene glycol 360 688 4 4 Adaptor Oligo Mix Edetic acid >400 >752 VDI 2263 Forward Primer Edetic acid >400 >752 VDI 2263			Net evelopede		
Primer Mix 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, 96 Reactions Automation Not applicable. Auto-ignition temperature Ingredient name °C °F Ingredient name °C °F Method End Repair-A Tailing Enzyme Mix Glycerol 370 698 1 Idgeton Buffer 0 0 0 0 Polyethylene glycol 360 680 0 0 Glycerol 370 698 1 1 1 Adaptor Oligo Mix 2 2400 >752 VDI 2263 Forward Primer Edetic acid 2400 >752 VDI 2263 100 mM dNTP Mix (25 mM each dNTP) 100 mM each 2400 >752 VDI 2263					
Index Bulk Set 2 A01-H12 SSEL XT HS and XT Low Not applicable. Input Custom Capture Library Sel XT Low Input Human All Exon V7, 96 Reactions Automation Not applicable. Auto-ignition temperature Ingredient name °C °F Method End Repair-A Tailing Enzyme Mix Glycerol 370 698		Primer Mix			
Input Custom Capture Library SSel XT Low Input Human All Exon V7, 96 Reactions Automation Not applicable. Auto-ignition temperature Ingredient name °C °F Method End Repair-A Tailing Enzyme Mix Glycerol 370 698		Index Bulk Set 2 A01-H12			
SSel XT Low Input Human All Exon V7, 96 Reactions Automation Not applicable. Auto-ignition temperature Ingredient name °C °F Method End Repair-A Tailing Enzyme Mix 370 698 1 698 1 I to NA Ligase 370 698 1 61/2 1 1 Glycerol 370 698 1 </td <td></td> <td></td> <td></td> <td>ð.</td> <td></td>				ð.	
All Exon V7, 96 Reactions Automation Automation Automa				a	
Auto-ignition temperature Ingredient name °C °F Method End Repair-A Tailing Enzyme Mix Glycerol 370 698 698 T4 DNA Ligase 70 698 698 698 Ligation Buffer 70 698 698 698 Polyethylene glycol 360 680 698 698 Adaptor Oligo Mix 70 698 698 698 Edetic acid >400 >752 VDI 2263 Forward Primer Edetic acid >400 >752 VDI 2263			Not applicable	.	
Auto-ignition temperature : Ingredient name °C °F Method End Repair-A Tailing Enzyme Mix Giycerol 370 698 698 698 T4 DNA Ligase Giycerol 370 698 698 698 Ligation Buffer Polyethylene glycol 360 680 680 Giycerol 370 698 698 698 Ligation Buffer Polyethylene glycol 360 680 680 Giycerol 370 698 74 752 VDI 2263 Forward Primer Edetic acid >400 >752 VDI 2263 100 mM dNTP Mix (25 mM each dNTP) >400 >752 VDI 2263					
End Repair-A Tailing Enzyme Mix Glycerol370698T4 DNA Ligase Glycerol370698Ligation Buffer Polyethylene glycol360680Glycerol370698Ligation Duffer Polyethylene glycol360680Glycerol370698Ligation Quitto Ligation360680Glycerol370698Adaptor Oligo Mix Edetic acid>400>752VDI 2263Forward Primer Edetic acid>400>752VDI 2263100 mM dNTP Mix (25 mM each dNTP)>400>752VDI 2263	Auto-ignition temperature				Mathad
Glycerol370698T4 DNA Ligase370698Glycerol370698Ligation Buffer698Polyethylene glycol360680Glycerol370698Adaptor Oligo Mix752VDI 2263Edetic acid>400>752VDI 2263Forward Primer2400>752VDI 2263Idetic acid>400>752VDI 2263	Auto-ignition temperature			·F	Method
T4 DNA Ligase Glycerol370698Ligation Buffer698Polyethylene glycol360Glycerol370Solycerol370Glycerol370Adaptor Oligo Mix Edetic acid400Forward Primer Edetic acid>400No mM dNTP Mix (25 mM each dNTP)>752VDI 2263		End Repair-A Tailing Enzyme Mix			
Glycerol370698Ligation Buffer680Polyethylene glycol360680Glycerol370698Adaptor Oligo Mix752VDI 2263Edetic acid>400>752VDI 2263Forward Primer2400>752VDI 2263Io0 mM dNTP Mix (25 mM each dNTP)100 mM dNTP Mix (25 mM each dNTP)2400>752VDI 2263		Glycerol	370	698	
Glycerol370698Ligation Buffer680Polyethylene glycol360680Glycerol370698Adaptor Oligo Mix752VDI 2263Edetic acid>400>752VDI 2263Forward Primer2400>752VDI 2263I00 mM dNTP Mix (25 mM each dNTP)100 mM dNTP Mix (25 mM each dNTP)2400>752VDI 2263					
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		IT DIA LIGASE			
Polyethylene glycol360680Glycerol370698Adaptor Oligo Mix-Edetic acid>400Forward Primer-Edetic acid>400Io0 mM dNTP Mix (25 mM each dNTP)-		Glycerol	370	698	
Glycerol 370 698 Adaptor Oligo Mix - - Edetic acid >400 >752 Forward Primer - - Edetic acid >400 >752 VDI 2263 VDI 2263 Io0 mM dNTP Mix (25 mM each dNTP) -		-			
Adaptor Oligo Mix>400>752VDI 2263Edetic acid>400>752VDI 2263Forward Primer>400>752VDI 2263Edetic acid>400>752VDI 2263100 mM dNTP Mix (25 mM each dNTP)VDI 2263VDI 2263		Polyethylene glycol	360	680	
Edetic acid>400>752VDI 2263Forward Primer Edetic acid>400>752VDI 2263100 mM dNTP Mix (25 mM each dNTP)>400>752VDI 2263		Glycerol	370	698	
Forward Primer>400>752VDI 2263Edetic acid>400>752VDI 2263100 mM dNTP Mix (25 mM each dNTP)VDI 2263		Adaptor Oligo Mix			
Edetic acid >400 >752 VDI 2263		Edetic acid	>400	>752	VDI 2263
100 mM dNTP Mix (25 mM each dNTP)		Forward Primer			
dNTP)		Edetic acid	>400	>752	VDI 2263
Date of issue/Date of revision : 19/04/2022 Date of previous issue : 04/03/2022 Version : 3.1 49/6	Date of issue/Date of revision :	I			

characteristics				
	Edetic acid	>400	>752	VDI 2263
	Herculase II Fusion DNA Polymerase			
	Glycerol	370	698	
	Edetic acid	>400	>752	VDI 2263
	SureSelect Binding Buffer			
	Edetic acid	>400	>752	VDI 2263
	SureSelect Wash Buffer 1			
	Sodium dodecyl sulphate	310.5	590.9	VDI 2263
	SureSelect Wash Buffer 2			
	Sodium dodecyl sulphate	310.5	590.9	VDI 2263
	SureSelect XT HS and XT Low			
	Input Blocker Mix Edetic acid	>400	>752	VDI 2263
		2400	~152	VD12203
	SureSelect RNase Block			
	Glycerol	370	698	
	4-(2-Hydroxyethyl)piperazin- 1-ylethanesulphonic acid	>400	>752	EU A.16
	SureSelect Post-Capture Primer Mix			
	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, 96 Reactions Automation			
	Glycerol	370	698	
	Edetic acid	>400	>752	VDI 2263
Decomposition temperature :	Enzyme Mix End Repair-A Tailing Buffer M T4 DNA Ligase M Ligation Buffer M Adaptor Oligo Mix M Forward Primer M 100 mM dNTP Mix (25 mM each dNTP)	Not available. Not available. Not available. Not available. Not available. Not available. 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.
		NUL avaliable.
	Low Input Blocker Mix	Not available
	SureSelect Fast	Not available.
	Hybridization Buffer	
	SureSelect RNase Block	Not available.
	SureSelect Post-Capture	Not available.
	Primer Mix	
	SureSelect XT Low Input	Not available.
	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, 96 Reactions	
	Automation	
Viscosity	End Repair-A Tailing	Not available.
	Enzyme Mix	
	End Repair-A Tailing Buffer	Not available.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 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	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT	Not available.
	Low Input Blocker Mix	Not available.
	SureSelect Fast	Not available.
	Hybridization Buffer	NUL avaliable.
	SureSelect RNase Block	Not available.
	SureSelect Post-Capture	Not available.
	•	NUL available.
	Primer Mix	Not available.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	NUL available.
	SSEL XT HS and XT Low	Not available.
	Input Custom Capture Library	
	SSel XT Low Input Human	Not available.
	All Exon V7, 96 Reactions	NUL avaliable.
	Automation	
	Automation	
Particle characteristics		
Median particle size	End Repair-A Tailing	Not applicable.
	Enzyme Mix	
	End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	Not applicable.
	Ligation Buffer	Not applicable.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer	Not applicable.
	100 mM dNTP Mix (25 mM	Not applicable.
	each dNTP)	
	Herculase II Fusion DNA	Not applicable.
	Polymerase	-

5X Herculase II Reaction BufferNot applicable.SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect XT HS and XT Not applicable.Not applicable.SureSelect XT HS and XT SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post-Capture Not applicable.Not applicable.Primer Mix SureSelect XT Low Input Index Bulk Set 2 A01-H12 SSEL XT HS and XT Low Not applicable.Not applicable.Input Custom Capture Library SSel XT Low Input Human All Exon V7, 96 Reactions AutomationNot applicable.		
SureSelect Binding BufferNot applicable.SureSelect Wash Buffer 1Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect XT HS and XTNot applicable.Low Input Blocker MixSureSelect FastSureSelect FastNot applicable.Hybridization BufferSureSelect RNase BlockSureSelect Post-CaptureNot applicable.Primer MixSureSelect XT Low InputSureSelect XT Low InputNot applicable.Index Bulk Set 2 A01-H12Not applicable.SSEL XT HS and XT LowNot applicable.Input Custom Capture LibraryNot applicable.SSel XT Low Input HumanNot applicable.All Exon V7, 96 ReactionsNot applicable.	••••••	Not applicable.
SureSelect Wash Buffer 1Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect XT HS and XTNot applicable.Low Input Blocker MixNot applicable.SureSelect FastNot applicable.Hybridization BufferNot applicable.SureSelect RNase BlockNot applicable.SureSelect Post-CaptureNot applicable.Primer MixNot applicable.SureSelect XT Low InputNot applicable.Index Bulk Set 2 A01-H12Not applicable.SSEL XT HS and XT LowNot applicable.Input Custom Capture LibraryNot applicable.SSel XT Low Input HumanNot applicable.All Exon V7, 96 ReactionsNot applicable.	Buffer	
SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker MixNot applicable.SureSelect Fast Hybridization BufferNot applicable.SureSelect RNase Block SureSelect Post-Capture Primer MixNot applicable.SureSelect XT Low Input Index Bulk Set 2 A01-H12Not applicable.SSEL XT HS and XT Low SSel XT Low Input Human All Exon V7, 96 ReactionsNot applicable.	SureSelect Binding Buffer	Not applicable.
SureSelect XT HS and XTNot applicable.Low Input Blocker MixSureSelect FastNot applicable.Hybridization BufferSureSelect RNase BlockNot applicable.SureSelect RNase BlockNot applicable.SureSelect Post-CaptureNot applicable.Primer MixSureSelect XT Low InputNot applicable.SureSelect XT Low InputNot applicable.Index Bulk Set 2 A01-H12Not applicable.SSEL XT HS and XT LowNot applicable.Input Custom Capture LibrarySSel XT Low Input HumanAll Exon V7, 96 ReactionsNot applicable.	SureSelect Wash Buffer 1	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 SSEL XT HS and XT Low Not applicable. Input Custom Capture Library SSel XT Low Input Human Not applicable. All Exon V7, 96 Reactions	SureSelect Wash Buffer 2	Not applicable.
SureSelect FastNot applicable.Hybridization BufferSureSelect RNase BlockNot applicable.SureSelect Post-CaptureNot applicable.Primer MixSureSelect XT Low InputNot applicable.Index Bulk Set 2 A01-H12SSEL XT HS and XT LowNot applicable.Input Custom Capture LibrarySSel XT Low Input HumanNot applicable.All Exon V7, 96 Reactions	SureSelect XT HS and XT	Not applicable.
Hybridization BufferSureSelect RNase BlockNot applicable.SureSelect Post-CaptureNot applicable.Primer MixNot applicable.SureSelect XT Low InputNot applicable.Index Bulk Set 2 A01-H12SSEL XT HS and XT LowSSEL XT HS and XT LowNot applicable.Input Custom Capture LibrarySSel XT Low Input HumanAll Exon V7, 96 ReactionsNot applicable.	Low Input Blocker Mix	
SureSelect RNase BlockNot applicable.SureSelect Post-CaptureNot applicable.Primer MixNot applicable.SureSelect XT Low InputNot applicable.Index Bulk Set 2 A01-H12Not applicable.SSEL XT HS and XT LowNot applicable.Input Custom Capture LibrarySSel XT Low Input HumanAll Exon V7, 96 ReactionsNot applicable.	SureSelect Fast	Not applicable.
SureSelect Post-CaptureNot applicable.Primer MixSureSelect XT Low InputNot applicable.Index Bulk Set 2 A01-H12SSEL XT HS and XT LowNot applicable.Input Custom Capture LibrarySSel XT Low Input HumanNot applicable.All Exon V7, 96 ReactionsNot applicable.	Hybridization Buffer	
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. All Exon V7, 96 Reactions	SureSelect RNase Block	Not applicable.
SureSelect XT Low InputNot applicable.Index Bulk Set 2 A01-H12SSEL XT HS and XT LowNot applicable.Input Custom Capture LibrarySSel XT Low Input HumanNot applicable.All Exon V7, 96 ReactionsNot applicable.	SureSelect Post-Capture	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. All Exon V7, 96 Reactions	Primer Mix	
SSEL XT HS and XT Low Not applicable. Input Custom Capture Library SSel XT Low Input Human Not applicable. All Exon V7, 96 Reactions	SureSelect XT Low Input	Not applicable.
Input Custom Capture Library SSel XT Low Input Human Not applicable. All Exon V7, 96 Reactions	Index Bulk Set 2 A01-H12	
SSel XT Low Input Human Not applicable. All Exon V7, 96 Reactions	SSEL XT HS and XT Low	Not applicable.
All Exon V7, 96 Reactions	Input Custom Capture Library	
	SSel XT Low Input Human	Not applicable.
Automation	All Exon V7, 96 Reactions	
	Automation	

Reactivity	: End Repair-A Tailing	No specific test data related to reactivity available for
Reactivity	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
	· · _ · · _ · gace	this product or its ingredients.
	Ligation Buffer	No specific test data related to reactivity available for
	5	this product or its ingredients.
	Adaptor Oligo Mix	No specific test data related to reactivity available for
		this product or its ingredients.
	Forward Primer	No specific test data related to reactivity available for
		this product or its ingredients.
	100 mM dNTP Mix (25 mM	No specific test data related to reactivity available for
	each dNTP)	this product or its ingredients.
	Herculase II Fusion DNA	No specific test data related to reactivity available for
	Polymerase	this product or its ingredients.
	5X Herculase II Reaction	No specific test data related to reactivity available for
	Buffer	this product or its ingredients.
	SureSelect Binding Buffer	No specific test data related to reactivity available for
		this product or its ingredients.
	SureSelect Wash Buffer 1	No specific test data related to reactivity available for
		this product or its ingredients.
	SureSelect Wash Buffer 2	No specific test data related to reactivity available for
		this product or its ingredients.
	SureSelect XT HS and XT	No specific test data related to reactivity available for
	Low Input Blocker Mix	this product or its ingredients.
	SureSelect Fast	No specific test data related to reactivity available for
	Hybridization Buffer SureSelect RNase Block	this product or its ingredients.
	SureSelect Rinase block	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect Post-Capture	No specific test data related to reactivity available for
	Primer Mix	this product or its ingredients.
	SureSelect XT Low Input	No specific test data related to reactivity available for
	Index Bulk Set 2 A01-H12	this product or its ingredients.
	SSEL XT HS and XT Low	No specific test data related to reactivity available for
		/ this product or its ingredients.
	SSel XT Low Input Human	No specific test data related to reactivity available for
	All Exon V7, 96 Reactions	this product or its ingredients.
	Automation	

Chemical stability :	End Repair-A Tailing Enzyme Mix	The product is stable.
	End Repair-A Tailing Buffer	The product is stable.
	T4 DNA Ligase	The product is stable.
	Ligation Buffer	The product is stable.
	Adaptor Oligo Mix	The product is stable.
	Forward Primer	The product is stable.
	100 mM dNTP Mix (25 mM	The product is stable.
	each dNTP)	
	Herculase II Fusion DNA Polymerase	The product is stable.
	5X Herculase II Reaction Buffer	The product is stable.
	SureSelect Binding Buffer	The product is stable.
	SureSelect Wash Buffer 1	The product is stable.
	SureSelect Wash Buffer 2	The product is stable.
	SureSelect XT HS and XT	The product is stable.
	Low Input Blocker Mix SureSelect Fast	The product is stable
		The product is stable.
	Hybridization Buffer	The product is stable
	SureSelect RNase Block	The product is stable.
	SureSelect Post-Capture Primer Mix	The product is stable.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	The product is stable.
	SSEL XT HS and XT Low Input Custom Capture Library	The product is stable.
	SSel XT Low Input Human All Exon V7, 96 Reactions	The product is stable.
	Automation	
Possibility of hazardous :	End Repair-A Tailing	Under normal conditions of storage and use,
reactions	Enzyme Mix	hazardous reactions will not occur.
	End Repair-A Tailing Buffer	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	T4 DNA Ligase	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	Ligation Buffer	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	Adaptor Oligo Mix	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	Forward Primer	Under normal conditions of storage and use,
		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.

	ana roadarrey	
	SureSelect XT Low Input Index Bulk Set 2 A01-H12 SSEL XT HS and XT Low Input Custom Capture Library SSel XT Low Input Human All Exon V7, 96 Reactions Automation	Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid :	End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Herculase II Fusion DNA Polymerase	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT	No specific data.
	Low Input Blocker Mix SureSelect Fast	No specific data.
	Hybridization Buffer	No energific dete
	SureSelect RNase Block SureSelect Post-Capture	No specific data. 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 All Exon V7, 96 Reactions	No specific data.
	Automation	
Incompatible materials :	End Repair-A Tailing Enzyme Mix	May react or be incompatible with oxidising materials.
	End Repair-A Tailing Buffer	May react or be incompatible with oxidising materials.
	T4 DNA Ligase	May react or be incompatible with oxidising materials.
	Ligation Buffer Adaptor Oligo Mix	May react or be incompatible with oxidising materials. May react or be incompatible with oxidising materials.
	Forward Primer	May react or be incompatible with oxidising materials.
	100 mM dNTP Mix (25 mM	May react or be incompatible with oxidising materials.
	each dNTP)	
	Herculase II Fusion DNA Polymerase	May react or be incompatible with oxidising materials.
	5X Herculase II Reaction Buffer	May react or be incompatible with oxidising materials.
	SureSelect Binding Buffer	May react or be incompatible with oxidising materials.
	SureSelect Wash Buffer 1	May react or be incompatible with oxidising materials.
	SureSelect Wash Buffer 2	May react or be incompatible with oxidising materials.
	SureSelect XT HS and XT Low Input Blocker Mix	May react or be incompatible with oxidising materials.
	SureSelect Fast Hybridization Buffer	May react or be incompatible with oxidising materials.
	SureSelect RNase Block	May react or be incompatible with oxidising materials.
	SureSelect Post-Capture Primer Mix	May react or be incompatible with oxidising materials.

L	SureSelect XT Low Input	May react or be incompatible with oxidising materials.
	Index Bulk Set 2 A01-H12 SSEL XT HS and XT Low Input Custom Capture Library	May react or be incompatible with oxidising materials.
	SSel XT Low Input Human All Exon V7, 96 Reactions Automation	May react or be incompatible with oxidising materials.
Hazardous decomposition products	: End Repair-A Tailing Enzyme Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	End Repair-A Tailing Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be 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	Under normal conditions of storage and use,
Date of issue/Date of revision	19/04/2022 Date of previous is	sue : 04/03/2022 Version : 3.1 55/60

All Exon V7, 96 Reactions Automation hazardous decomposition products should not be produced.

Section 11. Toxicological information

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	-
T4 DNA Ligase Glycerol	LD50 Oral	Rat	12600 mg/kg	-
Ligation Buffer Glycerol	LD50 Oral	Rat	12600 mg/kg	-
Herculase II Fusion DNA Polymerase Glycerol	LD50 Oral	Rat	12600 mg/kg	-
5X Herculase II Reaction Buffer Hexadecan-1-ol, ethoxylated	LD50 Oral	Rat	2500 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	-
2				mg	
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
T4 DNA Ligase					
Glycerol	Eyes - Mild irritant	Rabbit	_	24 hours 500	-
				mg	
	Skin - Mild irritant	Rabbit	_	24 hours 500	_
		1 tabbit		mg	
Ligation Buffer					
Polyethylene glycol	Eyes - Mild irritant	Rabbit	_	24 hours 500	-
				mg	
	Eyes - Mild irritant	Rabbit	_	500 mg	_
	Skin - Mild irritant	Rabbit	_	24 hours 500	-
				mg	
	Skin - Mild irritant	Rabbit	-	500 mg	-
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
- 5	,			mg	
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
				J	
ate of issue/Date of revision	: 19/04/2022 Date of	previous issue	:04/03/2022	Vers	ion: 3.1 56

Herculase II Fusion DNA					
Polymerase					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Mild irritant	Rabbit	_	24 hours 500	-
		T GODIC			
				mg	
SureSelect RNase Block					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
	-			mg	
	Skin - Mild irritant	Rabbit	_	24 hours 500	-
		1 to b b t		mg	
				ing	
SSEL XT HS and XT Low					
Input Custom Capture					
Library					
Glycerol	Eyes - Mild irritant	Rabbit	_	24 hours 500	-
				mg	
	Skin - Mild irritant	Rabbit		24 hours 500	_
		Tabbil	Ē		-
				mg	

Sensitisation

Not available.

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

<u>Specific target organ toxicity (repeated exposure)</u> Not available.

Aspiration hazard

Not available.

Information on likely routes of exposure	: End Repair-A Tailing Enzyme Mix	Routes of entry anticipated: Oral, Dermal, Inhalation.
	End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM	Routes of entry anticipated: Oral, Dermal, Inhalation. Routes of entry anticipated: Oral, Dermal, Inhalation. Routes of entry anticipated: Oral, Dermal, Inhalation. Not available. Not available. Not available.
	each dNTP) 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 SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix	Not available. Not available. Not available. Not available.
	SureSelect Fast	Routes of entry anticipated: Oral, Dermal, Inhalation.

	- <u>J</u>	
	Hybridization Buffer SureSelect RNase Block SureSelect Post-Capture	Routes of entry anticipated: Oral, Dermal, Inhalation. Not available.
	Primer Mix SureSelect XT Low Input Index Bulk Set 2 A01-H12	Not available.
	SSEL XT HS and XT Low	Not available.
	Input Custom Capture Library SSel XT Low Input Human All Exon V7, 96 Reactions Automation	Not available.
Potential acute health effects		
	: 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	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	Causes serious eye irritation.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT	No known significant effects or critical hazards.
	Low Input Blocker Mix SureSelect Fast	No known significant effects or critical hazards.
	Hybridization Buffer	No known significant offosts or critical bazards
	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	
	SSel XT Low Input Human All Exon V7, 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	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix Forward Primer	No known significant effects or critical hazards. No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM	No known significant effects or critical hazards.
	each dNTP) Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	C C
	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.

	gioar internation	
	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, 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	No known significant effects or critical hazards. No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM	No known significant effects or critical hazards.
	each dNTP) Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	U U
	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 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, 96 Reactions Automation	No known significant effects or critical hazards.
Ingestion :	End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT 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.

Section 11. Toxicold	gical information	
	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, 96 Reactions Automation	No known significant effects or critical hazards.
Symptoms related to the physic		
Eye 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 Adaptor Oligo Mix	No specific data. No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Herculase II Fusion DNA Polymerase	No specific data.
	5X Herculase II Reaction Buffer	Adverse symptoms may include the following:
		pain or irritation
		watering
	SureSelect Binding Buffer	redness 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 SureSelect Post-Capture Primer Mix	No specific data. 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	No specific data.
	SSel XT Low Input Human All Exon V7, 96 Reactions Automation	No specific data.
Inhalation :	End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer Adaptor Oligo Mix	No specific data. 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 SureSelect XT HS and XT	No specific data. No specific data.
	Low Input Blocker Mix	
	SureSelect Fast	No specific data.
	Hybridization Buffer	
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture	No specific data.

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

SureSelect XT Low Input Reagent Kit, index 97-192 + Human All Exon V7 Target Enrichment Baits, 96 rxn, auto, Part Number G9508N

Section 11. Toxicological information

SSEL XT HS and XT Low No specific data. Input Custom Capture Library SSel XT Low Input Human All Exon V7, 96 Reactions Automation

Enzyme MixNoEnd Repair-A Tailing BufferNo known significant effects or critical hazards14 DNA LigaseNo known significant effects or critical hazardsLigation BufferNo known significant effects or critical hazardsAdaptr Oligo MixNo known significant effects or critical hazardsAdaptr Oligo MixNo known significant effects or critical hazards100 mM dNTP Mix (25 mMNo known significant effects or critical hazards100 mM dNTP Mix (25 mMNo known significant effects or critical hazardsPolymeraseSX Herculase II ReactionNo known significant effects or critical hazardsSureSelect Wash Buffer 1No known significant effects or critical hazardsSureSelect XT HS and XTNo known significant effects or critical hazardsSureSelect TNAS Buffer 2No known significant effects or critical hazardsSureSelect TASNo known significant effects or critical hazardsSureSelect XT HS and XTNo known significant effects or critical hazardsSureSelect TASNo known significant effects or critical hazardsSureSelect TLow InputNo known significant effects or critical hazardsSureSelect XD Low Input HumanNo known significant effects or critical hazardsSureSelect YB and XT LowNo known significant effects or critical hazardsSureSelect YB and XT LowNo known significant effects or critical hazardsSureSelect YB and XT LowNo known significant effects or critical hazardsSureSelect YB and YT ge ReactionsNo known significant effects or critical hazardsNo Hown significant effects or critical			
Potential immediate effects : Not available. Potential delayed effects : Not available. Potential immediate effects : Not available. Potential chronic health offects : Not available. General : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer 14 DNA Ligase No known significant effects or critical hazards No	Delayed and immediate effec	ts as well as chronic effects fro	m short and long-term exposure
offects Potential delayed effects i. Not available. Potential immediate i. Not available. effects Potential churonic health effects General End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase No known significant effects or critical hazards No known significant effects or critical hazards SureSelect Wash Buffer SureSelect Wash Buffer SureSelect Wash Buffer SureSelect Wash Buffer SureSelect Post-Capture No known significant effects or critical hazards SureSelect Post-Capture No known significant effects or critical hazards SureSelect Post-Capture No known significant effects or critical hazards SureSelect Post-Capture No known significant effects or critical hazards No known significant effects or critical hazards	Short term exposure		
Long term exposure Potential immediate effects : Not available. Potential chronic health effects : Not available. General : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T 4 DNA Ligase No known significant effects or critical hazards No known significant effects or critical hazards SureSelect Wash Buffer SureSelect Wash Buffer SureSelect Post-Capture Primer Mix SureSelect Post-Capture Primer Mix SureSelect Post-Capture Primer Mix SureSelect Post-Capture Primer Mix SureSelect Post-Capture Primer Mix SureSelect XT Low Input Index Bulk Set 2 A01-H12 SSEL XT H 3 and XT Low Input Licstom Capture Library SSel XT Low Input Human Al LExov V7, 96 Reactions Automation No known significant effects or critical hazards No known significant effects o		: Not available.	
Potential immediate offocts : Not available. Potential chronic health effects : Not available. Potential chronic health effects : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase No known significant effects or critical hazards No known signific	Potential delayed effects	: Not available.	
effects Potential chronic health effects General : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer No known significant effects or critical hazards No known sig	<u>Long term exposure</u>		
Potential chronic health effects General End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase No known significant effects or critical hazards No known significant effects or critical hazards SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect Rhase Buffer 1 SureSelect XT Low Input Blocker Mix SureSelect XT Low Input Index Bulk Set 2 A01-H12 SSEL XT HS and XT Low Input Custom Capture Library SSel XT Low Input Human All Exor V7, 96 Reactions Automation No known significant effects or critical hazards No known significant effects or critical ha		: Not available.	
General: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oilgo Mix Adaptor Oilgo Mix Polymerase SX Herculase II Reaction BufferNo known significant effects or critical hazards No known significant effects or critical hazards <b< td=""><td>Potential delayed effects</td><td>: Not available.</td><td></td></b<>	Potential delayed effects	: Not available.	
Enzyme MixNoEnd Repair-A Tailing BufferNo known significant effects or critical hazardsT4 DNA LigaseNo known significant effects or critical hazardsAdaptor Oligo MixNo known significant effects or critical hazardsAdaptor Oligo MixNo known significant effects or critical hazardsForward PrimerNo known significant effects or critical hazards100 mM dNTP Mix (25 mMNo known significant effects or critical hazardsPolymeraseSX Herculase II ReactionBufferNo known significant effects or critical hazardsSureSelect Wash Buffer 1No known significant effects or critical hazardsSureSelect X1 HS and XTNo known significant effects or critical hazardsSureSelect RNase BlockNo known significant effects or critical hazardsSureSelect TNES and XTNo known significant effects or critical hazardsSureSelect RNase BlockNo known significant effects or critical hazardsSureSelect TNES BlockNo known significant effects or critical hazardsSureSelect TLow InputNo known significant effects or critical hazardsSureSelect TLow InputNo known significant effects or critical hazardsSureSelect TLow Input Human All Exon V7, 96 ReactionsNo known significant effects or critical hazardsNo known significant effects or critical hazardsSureSelect TLow InputNo known significant effects or critical hazardsSureSelect Primer T4 DNA Ligase <td>Potential chronic health effe</td> <td>ects</td> <td></td>	Potential chronic health effe	ects	
T4 DNA LigaseNo known significant effects or critical hazards No known significant effects or critical hazard	General	Enzyme Mix	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 No			No known significant effects or critical hazards.
Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction BufferNo known significant effects or critical hazards No kn			
Forward PrimerNo known significant effects or critical hazards100 mM dNTP Mix (25 mMNo known significant effects or critical hazardseach dNTP)Herculase II Fusion DNAPolymeraseSX Herculase II ReactionBufferSureSelect Binding BufferSureSelect Wash Buffer 1No known significant effects or critical hazardsSureSelect Wash Buffer 1No known significant effects or critical hazardsSureSelect Wash Buffer 2No known significant effects or critical hazardsSureSelect XT HS and XTNo known significant effects or critical hazardsSureSelect XT Low Input Blocker MixNo known significant effects or critical hazardsSureSelect XT Low Input Index Bulk Set 2 A01-H12No known significant effects or critical hazardsSureSelect XT Low Input Index Bulk Set 2 A01-H12No known significant effects or critical hazardsSureSelect XT Low Input Ucustom Capture LibraryNo known significant effects or critical hazardsSel XT Low Input Human AII Exon V7, 96 ReactionsNo known significant effects or critical hazardsAutomationNo known significant effects or critical hazardsNo known significant effects or critical hazardsSureSelect RNSNo known significant effects or critical hazardsNo			
100 mM dNTP Mix (25 mM each dNTP)No known significant effects or critical hazards No known significant ef			
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SureSelect Post-Capture Primer Mix SureSelect XT Low Input Index Bulk Set 2 A01-H12 SSEL XT HS and XT LowNo known significant effects or critical hazards No known significant effects or critical haza			No known significant effects or critical hazards
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Input Custom Capture Library SSel XT Low Input Human All Exon V7, 96 Reactions AutomationNo known significant effects or critical hazards No known sig		•	No known significant effects or critical hazards
SSel XT Low Input Human All Exon V7, 96 Reactions AutomationNo known significant effects or critical hazards No known significant effects or critical haza			No known significant effects or critical hazards
Carcinogenicity: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction BufferNo known significant effects or critical hazards No known significant effects		SSel XT Low Input Human All Exon V7, 96 Reactions	No known significant effects or critical hazards
Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer	Caraina naniaitu		No known einnificent effects en exitical benerde
T4 DNA LigaseNo known significant effects or critical hazardsLigation BufferNo known significant effects or critical hazardsAdaptor Oligo MixNo known significant effects or critical hazardsForward PrimerNo known significant effects or critical hazards100 mM dNTP Mix (25 mMNo known significant effects or critical hazardseach dNTP)Herculase II Fusion DNAPolymeraseSX Herculase II ReactionBufferNo known significant effects or critical hazards	Carcinogenicity	Enzyme Mix	-
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5X Herculase II Reaction No known significant effects or critical hazards Buffer		Herculase II Fusion DNA	No known significant effects or critical hazards
		5X Herculase II Reaction	No known significant effects or critical hazards.
			No known significant effects or critical hazards.

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	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT	No known significant effects or critical hazards.
		NO KHOWH SIGNINGAN ENECTS OF CHILCAI NAZARUS.
	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	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	No known significant effects or critical hazards.
	All Exon V7, 96 Reactions	
	Automation	
Mutagenicity	End Repair-A Tailing	No known significant effects or critical hazards.
matagementy		
	Enzyme Mix	
	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)	5
	,	No known aignifiaant offaata ar aritiaal bazarda
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	
	5X Herculase II Reaction	No known significant effects or critical hazards.
	Buffer	0
		No known significant offests or critical bazarda
	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.
	•	No known significant effects of childar hazards.
	Primer Mix	
	SureSelect XT Low Input	No known significant effects or critical hazards.
	Index Bulk Set 2 A01-H12	0
		No known aignifiaant offaata ar aritiaal bazarda
	SSEL XT HS and XT Low	No known significant effects or critical hazards.
	Input Custom Capture Library	
	SSel XT Low Input Human	No known significant effects or critical hazards.
	All Exon V7, 96 Reactions	5
	Automation	
	Automation	
Reproductive toxicity	End Repair-A Tailing	No known significant effects or critical hazards.
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		No los sum significant affante en antical la secola
	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.
		no known oignmoant chools of childar hazalus.
	Polymerase	
	5X Herculase II Reaction	No known significant effects or critical hazards.
	Buffer	
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	
		No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT	No known significant effects or critical hazards.
		-

Low Input Blocker Mix SureSelect Fast No known significant Hybridization Buffer SureSelect RNase Block No known significant SureSelect Post-Capture No known significant Primer Mix SureSelect XT Low Input No known significant Index Bulk Set 2 A01-H12 SSEL XT HS and XT Low No known significant Input Custom Capture Library SSel XT Low Input Human No known significant All Exon V7, 96 Reactions Automation

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.

No known significant effects or critical hazards.

No known significant effects or critical hazards.

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Numerical measures of toxicity

Acute toxicity estimates					
Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
End Repair-A Tailing Enzyme Mix					
Glycerol	12600	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	50000	N/A	N/A	N/A	N/A
Hexadecan-1-ol, ethoxylated	500	N/A	N/A	N/A	N/A
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

Other information	: End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing Buffer	Adverse symptoms may include the following: May cause skin sensitisation.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.

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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	Adverse symptoms may include the following: May
	cause skin sensitisation.
SureSelect Post-Capture	Not available.
Primer Mix	
SureSelect XT Low Input	Not available.
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, 96 Reactions	
Automation	

Section 12. Ecological information

Toxicity			
Product/ingredient name	Result	Species	Exposure
End Repair-A Tailing Enzyme Mix			
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
T4 DNA Ligase Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
Ligation 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 Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
5X Herculase II Reaction Buffer			
Hexadecan-1-ol, ethoxylated	Acute LC50 330000 to 1000000 μg/l Marine water	Crustaceans - Crangon crangon - Adult	48 hours
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 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				
Date of issue/Date of revision	: 19/04/2022	Date of previous issue	: 04/03/2022	Version : 3.1 65/69

SureSelect XT Low Input Reagent Kit, index 97-192 + Human All Exo	n V7 Target Enrichment Baits 96 ryn auto Part Number G9508N
ouredelect XT Low input Reagent Rit, index 37-152 . Human An Exo	in V7 Target Einfeinheitt Baits, 50 Txii, auto, 1 art Humber C550014

SureSelect XT Low Input Reagent Kit, index 97-192 + Human All Exon Section 12. Ecological information

Section 12. LCOID	gical intoin	ation			
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		-	-
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
Ligation Buffer Polyethylene glycol	-		-		Readily
5X Herculase II Reaction Buffer					
Hexadecan-1-ol, ethoxylated	-		-		Readily

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
End Repair-A Tailing			
Enzyme Mix			
Glycerol	-1.76	-	low
T4 DNA Ligase			
Glycerol	-1.76	-	low
Ligation Buffer			
Polyethylene glycol	-	3.2	low
Glycerol	-1.76	-	low
Herculase II Fusion DNA			
Polymerase			
Glycerol	-1.76	-	low
Date of issue/Date of revision	: 19/04/2022 Date of previou	s issue : 04/03/2022	Version : 3.1 66/69

-	-	-	
SureSelect RNase Block Glycerol	-1.76	-	low
SSEL XT HS and XT Low Input Custom Capture Library			
Glycerol	-1.76	-	low

Mobi	lity in	soil
		501

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 minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non- recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. 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. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and
	contact with soil, waterways, drains and sewers.

Section 14. Transport information

ADG / IMDG / IATA	1	Not regulated as [Dangerous	Goods according	g to the ADG Code .

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

Standard for the Uniform Scheduling of Medicines and Poisons

5

Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

International regulations

<u>Chemical Weapon Convention List Schedules I, II & III Chemicals</u> Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

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

Section 15. Regulatory information

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. Any other relevant information

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<u>History</u>	
Date of issue/Date of revision	: 19/04/2022
Date of previous issue	: 04/03/2022
Version	: 3.1
Key to abbreviations	: ADG = Australian Dangerous Goods ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available SUSMP = Standard Uniform Schedule of Medicine and Poisons UN = United Nations

Procedure used to derive the classification

Classification	Justification
5X Herculase II Reaction Buffer SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A	Calculation method

References : Not

: Not available.

V 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 *

Section 16. Any other relevant information

*SureSelect XT Low Input Index Bulk Set 2 A01-H12: 5190-3901, 5190-3902, ż 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, 5190-3966, 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, 5190-3983, 5190-3984, 5190-3985, 5190-3986, 5190-3987, 5190-3988, 5190-3989, 5190-3990, 5190-3991, 5190-3992, 5190-3993, 5190-3994, 5190-3995, 5190-3996