SAFETY DATA SHEET



SureSelect XT Low Input Reagent Kit, index 97-192 + Human All Exon V7 Plus 2 Target Enrichment Baits, 96 rxn, auto, Part Number G9508Q

Section 1. Identification

Product identifier	: SureSelect XT Low Input Reagent Kit, index 97-192 + Human All Exon V7 Plus 2 Target Enrichment Baits, 96 rxn, auto, Part Number G9508Q	
Part no. (chemical kit)	: G9508Q	
Part no.	: <u>SureSelect XT HS and XT Low Input Library</u> <u>5500-0140</u> <u>Prep Kit for ILM (Pre PCR), 96 Rxn</u>	
	End Repair-A Tailing Enzyme Mix 5190-6435	
	End Repair-A Tailing Buffer 5190-6436	
	T4 DNA Ligase 5190-6437	
	Ligation Buffer 5190-6438	
	Adaptor Oligo Mix 5190-6439	
	Forward Primer 5190-6440	
	SureSelect XT HS and XT Low Input Library 5500-0140 / 5190-9686	
	Prep Kit for ILM (Pre PCR), 96 Rxn /	
	SureSelect XT HS and XT Low Input Target	
	Enrichment Kit, ILM Hyb Module, Box 2 (Post	
	PCR), 96 Rxn	
	100 mM dNTP Mix (25 mM each dNTP) 200418-51	
	Herculase II Fusion DNA Polymerase 5600-3761	
	5X Herculase II Reaction Buffer 600675-52	
	SureSelect XT HS and XT Low Input Target 5190-9687	
	Enrichment Kit, ILM Hyb Module, Box 1 (Post	
	PCR), 96 Rxn	
	SureSelect Binding Buffer 5190-9734	
	SureSelect Wash Buffer 1 5190-4408	
	SureSelect Wash Buffer 2 5190-4409	
	SureSelect XT HS and XT Low Input Target 5190-9686	
	Enrichment Kit, ILM Hyb Module, Box 2 (Post PCR), 96 Rxn	
	SureSelect XT HS and XT Low Input Blocker 5190-9534 Mix	
	SureSelect Fast Hybridization Buffer 5190-7330	
	SureSelect RNase Block 5972-3700	
	SureSelect Post-Capture Primer Mix 5190-9732	
	SureSelect XT Low Input Index Primers 5190-6445 97-192 for ILM (Pre PCR)	
	SureSelect XT Low Input Index Bulk Set 2 Various* A01-H12	
	SSEL XT HS and XT Low Input Custom 5190-9927 / 5190-9928 / 5190-9929	
	Capture Library / 5190-9930 / 5190-9931 /	
	5190-9943 / 5190-9950 / 5190-9952	
	/ 5190-9945 / 5190-9954 /	
	5190-9947	
	SSel XT Low Input Human All Exon V7 Plus 5191-4054	
	2, 96 Reactions Automation	
	SSel XT Low Input Human All Exon V7 Plus 5191-4054 2, 96 Reactions Automation	
Material uses	: Analytical reagent.	
material uses	For Research Use Only. Not for use in diagnostic procedures.	

Section 1. Identification

End Repair-A Tailing Enzyme Mix0.512 ml (96 reactions)End Repair-A Tailing Buffer2.048 ml (96 reactions)14 DNA Ligase0.256 ml (96 reactions)Adaptor Oligo Mix0.64 - 0.7 ml (96 reactions)Adaptor Oligo Mix0.64 - 0.7 ml (96 reactions)100 mM dNTP Mix (25 mM each dNTP)0.1 mlHerculase II Fusion DNA Polymerase0.14 ml (96 reactions)SureSelect Wash Buffer 148 mlSureSelect Wash Buffer 2144 mlSureSelect Wash Buffer 148 mlSureSelect KT HS and XT Low Input Blocker0.64 ml (96 reactions)MixSureSelect XT HS and XT Low Input Blocker0.64 ml (96 reactions)SureSelect XT Low Input Index Bulk Set 296 x 0.01 ml (96 reactions)SureSelect XT Low Input Index Bulk Set 296 x 0.01 ml (96 reactions)SureSelect XT Low Input Usatom0.192 - 0.48 ml (96 reactions)SureSelect XT Low Input Usatom0.192 - 0.48 ml (96 reactions)SureSelect XT Low Input Loustom0.192 - 0.48 ml (96 reactions)SureSelect XT Low Input Human All Exon V7 Plus0.68 ml (96 reactions)2, 96 Reactions Automation2, 96 Reactions, 110 Mix Santa Clara, CA 95051, USA 800-227-9770Emergency telephone: CHEMTREC®: 1-800-424-9300number (with hours of operation)5190-3904, 5190-3905, 5190-3905, 5190-3907, 5190-3904, 5190-3904, 5190-3907, 5190-3904, 5190-3907, 5190-3904, 5190-3907, 5190-3904, 5190-3907, 5190-3904, 5190-3907, 5190-3903, 5190-3907, 5190-3904, 5190-3903, 5190-3907, 5190-3904, 5190-3931, 5190-3932, 5190-3932, 5190-3933, 5190-3933, 5190-3933, 5190-3934, 5190-3934, 5190-3935, 5190-3935, 5190-3935, 5190-3935, 5190-3936, 5190-			
T4 DNA Ligase0.256 ml (96 reactions)Ligation Buffer2.944 ml (96 reactions)Adaptor Oilgo Mix0.64 - 0.7 ml (96 reactions)100 MM dNTP Mix (25 mM each dNTP)0.1 mlHerculase II Fusion DNA Polymerase0.14 ml (96 reactions)5X Herculase II Reaction Buffer1.5 mlSureSelect Wash Buffer 148 mlSureSelect Xash Buffer 2144 mlSureSelect XAsh Buffer 148 mlSureSelect XAsh Buffer 2144 mlSureSelect XAsh Buffer 10.918 mlSureSelect XAsh Buffer 20.64 ml (96 reactions)MixSureSelect Rast Hybridization BufferSureSelect XAsh Buffer 20.918 mlSureSelect XAse Block0.09 mlSureSelect XAse Block0.09 mlSureSelect XAse Block0.14 ml (96 reactions)SureSelect XAse Block0.14 ml (96 reactions)SureSelect XAse Block0.192 - 0.48 ml (96 reactions)SureSelect XAse Block			
Ligation Buffer2.944 ml (96 reactions)Adaptor Oligo Mix0.64 - 0.7 ml (96 reactions)Forward Primer0.256 ml (96 reactions)100 mM dNTP Mix (25 mM each dNTP)0.1 mlHerculase II Reaction Buffer1.5 mlSureSelect Binding Buffer93 mlSureSelect Wash Buffer 148 mlSureSelect Xash Buffer 2144 mlSureSelect Xash Buffer 148 mlSureSelect Xash Buffer 20.44 ml (96 reactions)MixSureSelect Xash Buffer 1SureSelect Xash Buffer 20.44 ml (96 reactions)MixSureSelect Tast Hybridization BufferSureSelect Xase Block0.08 mlSureSelect XT Low Input Index Bulk Set 296 x 0.01 ml (96 reactions)SureSelect XT Low Input Index Bulk Set 296 x 0.01 ml (96 reactions)SureSelect XT Low Input Human All Exon V7 Plus0.68 ml (96 reactions)Captimer LibrarySSet XT Low Input Human All Exon V7 Plus0.68 ml (96 reactions)2, 96 Reactions Automation2, 96 Reactions AutomationSupplier/Manufacturer: CHEMTREC®: 1-800-424-9300Note *: "SureSelect XT Low Input Index Bulk Set 2 A01-H12: 5190-3901, 5190-3902, 5190-3903, 5190-390			
Adaptor Oligo Mix0.64 - 0.7 ml (96 reactions) 0.256 ml (96 reactions) 0.1 mlForward Primer0.256 ml (96 reactions) 0.1 ml100 mM dNTP Mix (25 mM each dNTP)0.1 mlHerculase II Fusion DNA Polymerase0.1 mlSureSelect Binding Buffer93 mlSureSelect Wash Buffer 146 mlSureSelect Xash Buffer 2144 mlSureSelect Xash Buffer 2144 mlSureSelect Xash Buffer 20.64 ml (96 reactions)MixSureSelect Xash Buffer 2SureSelect XT HS and XT Low Input Blocker0.64 ml (96 reactions)MixSureSelect XT Low Input Index Bulk Set 2SureSelect XT Low Input Index Bulk Set 296 x 0.01 ml (96 reactions)SureSelect XT Low Input Index Bulk Set 296 x 0.01 ml (96 reactions)SureSelect XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation0.192 - 0.48 ml (96 reactions)SureSelect XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation0.68 ml (96 reactions)SureSelect XT Low Input Human All Exon V7 Plus 3, 96 Reactions Automation0.68 ml (96 reactions)SureSelect XT Low Input Index Bulk Set 2 A01-H12: 5190-3901, 5190-3902, 5190-3903, 5190-3903, 5190-3904, 5190-3904, 5190-3905, 5190-3905, 5190-3905, 5190-3906, 5190-3907, 5190-3906, 5190-3907, 5190-3902, 5190-3903, 5			
Forward Primer0.256 ml (96 reactions) 100 mM dNTP Mix (25 mM each dNTP)100 mM dNTP Mix (25 mM each dNTP)0.14 ml (96 reactions)5X Herculase II Fusion DNA Polymerase0.14 ml (96 reactions)5X Herculase II Reaction Buffer93 mlSureSelect Wash Buffer 148 mlSureSelect Wash Buffer 2144 mlSureSelect Wash Buffer 20.64 ml (96 reactions)MixSureSelect THS and XT Low Input Blocker0.64 ml (96 reactions)MixSureSelect Rnase Block0.08 mlSureSelect RNase Block0.08 mlSureSelect XT Low Input Index Bulk Set 296 x 0.01 ml (96 reactions)MitraSureSelect XT Low Input Custom0.192 - 0.48 ml (96 reactions)SureSelect XT Low Input Human All Exon V7 Plus0.68 ml (96 reactions)2, 96 Reactions Automation2, 96 Reactions Automation2, 96 Reactions Automation5301 Stevens Creek BlvdSanta Clara, CA 95051, USA800-227-9770Emergency telephone number (with hours of 0peration): *SureSelect XT Low Input Index Bulk Set 2 A01-H12: 5190-3901, 5190-3902, 5190-3903, 5190-3904, 5190-3904, 5190-3905, 5190-3907, 5190-3908, 5190-3903, 5190-3903, 5190-3904, 5190-3903, 5190-3903, 5190-3904, 5190-3904, 5190-3905, 5190-3905, 5190-3905, 5190-3907, 5190-3903, 5190-3904, 5190-3904, 5190-3905, 51			
100 mM dNTP Mix (25 mM each dNTP)0.1 mlHerculase II Feacion DNA Polymerase0.14 ml (96 reactions)5X Herculase II Reaction Buffer1.5 mlSureSelect Binding Buffer 2144 mlSureSelect Wash Buffer 2144 mlSureSelect Wash Buffer 2144 mlSureSelect Wash Buffer 20.64 ml (96 reactions)MixSureSelect TS at Hybridization Buffer0.918 mlSureSelect CN SureSelect Fast Hybridization Buffer0.918 mlSureSelect Rast Block0.08 mlSureSelect TL Cow Input Index Bulk Set 296 x 0.01 ml (96 reactions)SureSelect XT Low Input Index Bulk Set 296 x 0.01 ml (96 reactions)SureSelect XT Low Input Human All Exon V7 Plus0.68 ml (96 reactions)SetL XT HS and XT Low Input Human All Exon V7 Plus0.68 ml (96 reactions)2, 96 Reactions Automation2, 96 Reactions AutomationSupplier/Manufacturer: Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA 800-227-9770Emergency telephone number (with hours of 0.9928, 5190-3905, 5190-3905, 5190-3906, 5190-3901, 5190-3901, 5190-3902, 5190-3903, 5190-3914, 5190-3914, 5190-3914, 5190-3914, 5190-3914, 5190-3914, 5190-3914, 5190-3914, 5190-3934, 5190-3934, 5190-3934, 5190-3934, 5190-3935, 5190-3936, 5190-3936, 5190-3936, 5190-3936, 5190-3936, 5190-3936, 5190-3936, 5190-3937, 5190-3934, 519		Adaptor Oligo Mix	(, , , , , , , , , , , , , , , , , , ,
Herculase II Fusion DNA Polymerase0.14 ml (96 reactions)5X Herculase II Reaction Buffer1.5 mlSureSelect Binding Buffer93 mlSureSelect Wash Buffer 148 mlSureSelect Wash Buffer 2144 mlSureSelect XT HS and XT Low Input Blocker0.64 ml (96 reactions)MixSureSelect RNase Block0.06 mlSureSelect XT Low Input Index Bulk Set 296 x 0.01 ml (96 reactions)MixSureSelect TAT Low Input Index Bulk Set 296 x 0.01 ml (96 reactions)SureSelect XT Low Input Index Bulk Set 296 x 0.01 ml (96 reactions)SureSelect XT Low Input Index Sulk Set 20.192 - 0.48 ml (96 reactions)SureSelect XT Low Input Human All Exon V7 Plus0.68 ml (96 reactions)2, 96 Reactions Automation0.68 ml (96 reactions)300-227-9770190-391, 5190-392, 5190-392, 5190-392, 5190-3930, 5190-3930, 5190-3930, 5190-3930, 5190-3931, 5190-392, 5190-3931, 5190-392, 5190-39331, 5190-392,		Forward Primer	0.256 ml (96 reactions)
5X Herculase II Reaction Buffer1.5 mlSureSelect Wash Buffer 148 mlSureSelect Wash Buffer 148 mlSureSelect Wash Buffer 2144 mlSureSelect Wash Buffer 30.64 ml (96 reactions)MixSureSelect XT HS and XT Low Input Blocker0.64 ml (96 reactions)MixSureSelect Fast Hybridization Buffer0.918 mlSureSelect Past Hybridization Buffer0.14 ml (96 reactions)SureSelect Post-Capture Primer Mix0.14 ml (96 reactions)SureSelect XT Low Input Index Bulk Set 296 x 0.01 ml (96 reactions)A01-H12SSEL XT HS and XT Low Input Custom0.192 - 0.48 ml (96 reactions)Capture LibrarySSel XT Low Input Human All Exon V7 Plus0.68 ml (96 reactions)Supplier/Manufacturer: Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA 800-227-97700.68 ml (96 reactions)Emergency telephone number (with hours of operation): CHEMTREC®: 1-800-424-9300Note *: *SureSelect XT Low Input Index Bulk Set 2 A01-H12: 5190-3901, 5190-3902, 5190-3903, 5190-3904, 5190-3904, 5190-3905, 5190-3916, 5190-3927, 5190-39337, 5190-39337, 5190-39337, 5190-3931, 5190-3931, 519		100 mM dNTP Mix (25 mM each dNTP)	0.1 ml
SureSelect Binding Buffer93 ml 48 mlSureSelect Wash Buffer 148 mlSureSelect Wash Buffer 2144 mlSureSelect XT HS and XT Low Input Blocker0.64 ml (96 reactions)MixSureSelect Fast Hybridization Buffer0.918 mlSureSelect RNase Block0.08 mlSureSelect XT Low Input Index Bulk Set 296 x 0.01 ml (96 reactions)SureSelect XT Low Input Index Bulk Set 296 x 0.01 ml (96 reactions)A01-H12SSEL XT HS and XT Low Input Custom0.192 - 0.48 ml (96 reactions)Capture LibrarySSel XT Low Input Human All Exon V7 Plus0.68 ml (96 reactions)Supplier/Manufacturer: Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA 800-227-97700.68 ml (96 reactions)Emergency telephone number (with hours of operation): CHEMTREC®: 1-800-424-9300.5190-3902, 5190-3902, 5190-3903, 5190-3904, 5190-3905,		Herculase II Fusion DNA Polymerase	0.14 ml (96 reactions)
SureSelect Wash Buffer 1 48 ml SureSelect Wash Buffer 2 144 ml SureSelect XT HS and XT Low Input Blocker 0.64 ml (96 reactions) Mix SureSelect XT HS and XT Low Input Blocker 0.918 ml SureSelect RNase Block 0.08 ml SureSelect Post-Capture Primer Mix 0.14 ml (96 reactions) SureSelect XT Low Input Index Bulk Set 2 96 x 0.01 ml (96 reactions) A01-H12 SSEL XT HS and XT Low Input Custom 0.192 - 0.48 ml (96 reactions) SureSelect XT Low Input Human All Exon V7 Plus 0.68 ml (96 reactions) 2, 96 Reactions Automation Santa Clara, CA 95051, USA Santa Clara, CA 95051, USA 800-227-9770 5190-3904, 5190-3904, 5190-3905, 5190-3906, 5190-3907, 5190-3906, 5190-3901, 5190-3902, 5190-3911, 5190-3914, 5190-3914, 5190-3914, 5190-3914, 5190-3914, 5190-3916, 5190-3914, 5190-3916, 5190-3916, 5190-3917, 5190-3926, 5190-3927, 5190-3926, 5190-3927, 5190-3926, 5190-3927, 5190-3926, 5190-3927, 5190-3926, 5190-3927, 5190-3926, 5190-3927, 5190-3926, 5190-3927, 5190-3926, 5190-3927, 5190-3928, 5190-3928, 5190-3932, 5190-3933, 5190-3934, 5190-3935, 5190-3936, 5190-3936, 5190-3936, 5190-3936, 5190-3936, 5190-3936, 5190-3936, 5190-39346, 5190-3966, 5190-3966, 5190-3966, 5190-3966, 5190-3966, 5190-3		5X Herculase II Reaction Buffer	1.5 ml
SureSelect Wash Buffer 2144 mlSureSelect XT HS and XT Low Input Blocker0.64 ml (96 reactions)MixSureSelect Fast Hybridization Buffer0.918 mlSureSelect RNase Block0.08 mlSureSelect RNase Block0.08 mlSureSelect XT Low Input Index Bulk Set 296 x 0.01 ml (96 reactions)SureSelect XT Low Input Index Bulk Set 296 x 0.01 ml (96 reactions)A01-H12SSEL XT HS and XT Low Input Custom0.192 - 0.48 ml (96 reactions)Capture LibrarySSel XT Low Input Human All Exon V7 Plus0.68 ml (96 reactions)2, 96 Reactions Automation2, 96 Reactions Automation0.68 ml (96 reactions)Supplier/Manufacturer: Aglient Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA 800-227-9770.68 ml (96 reactions)Emergency telephone number (with hours of operation): CHEMTREC®: 1-800-424-9300.5190-3901, 5190-3902, 5190-3903, 5190-3904, 5190-3905, 5190-3905, 5190-3905, 5190-3908, 5190-3905, 5190-3908, 5190-3908, 5190-3908, 5190-3904, 5190-3904, 5190-3917, 5190-3904, 5190-3904, 5190-3904, 5190-3905, 5190-3908, 5190-3908, 5190-3908, 5190-3908, 5190-3908, 5190-3908, 5190-3904, 5190-3904, 5190-3904, 5190-3903, 5190-3904, 5190-3904, 5190-3904, 5190-3904, 5190-3928, 5190-3928, 5190-3928, 5190-3928, 5190-3928, 5190-3928, 5190-3928, 5190-3928, 5190-3934, 5190-3944, 5190-39344, 5190-39345, 5190-3956, 5190-3956, 5190-3956, 5190-3956, 5190-39		SureSelect Binding Buffer	93 ml
SureSelect XT HS and XT Low Input Blocker0.64 ml (96 reactions) Mix SureSelect RNase Block0.918 ml 0.918 ml 0.08 mlSureSelect RNase Block0.08 mlSureSelect RNase Block0.14 ml (96 reactions) 9 SureSelect RNase BlockSureSelect RNase Block0.14 ml (96 reactions) 9 SureSelect RNase BlockA01-H1296 reactions) SEL XT Low Input Index Bulk Set 2 96 K 0.01 ml (96 reactions) 0.192 - 0.48 ml (96 reactions) 2. 96 Reactions AutomationSupplier/Manufacturer: Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA 800-227-9770Emergency telephone number (with hours of operation): CHEMTREC®: 1-800-424-9300Note *: *SureSelect XT Low Input Index Bulk Set 2 A01-H12: 5190-3901, 5190-3902, 5190-3903, 5190-3904, 6190-3905, 5190-3905, 5190-3907, 5190-3906, 5190-3909, 5190-3911, 5190-3912, 5190-3925, 5190-3325, 5190-3325, 5190-3326, 5190-3326, 5190-3327, 5190-3326, 5190-3327, 5190-3326, 5190-3324, 5190-3324, 5190-3325, 5190-3324, 5190-3325, 5190-3326, 5190-3326, 5190-3327, 5190-3326, 5190-3325, 5190-3326, 5190-3326, 5190-3326, 5190-3327, 5190-3326, 5190-3326, 5190-3326, 5190-3326, 5190-3326, 5190-3327, 5190-3326, 5190-3326, 5190-3326, 5190-3327, 5190-3326, 5190-3326, 5190-3327, 5190-3326, 519		SureSelect Wash Buffer 1	48 ml
Mix SureSelect RNase Block0.918 ml 0.08 mlSureSelect RNase Block0.08 mlSureSelect RNase Block0.14 ml (96 reactions)SureSelect XT Low Input Index Bulk Set 2 A01-H120.14 ml (96 reactions)SEL XT HS and XT Low Input Custom Capture Library SSel XT Low Input Human All Exon V7 Plus 0.96 x 0.01 ml (96 reactions)Supplier/Manufacturer: Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA 800-227-9770Emergency telephone number (with hours of operation): CHEMTREC®: 1-800-424-9300Note *: SureSelect XT Low Input Index Bulk Set 2 A01-H12: 5190-3901, 5190-3902, 5190-3903, 5190-3904, 5190-3905, 5190-3906, 5190-3907, 5190-3906, 5190-3901, 5190-3911, 5190-3912, 5190-3925, 5190-3925, 5190-3925, 5190-3925, 5190-3926, 5190-3927, 5190-3924, 5190-3924, 5190-3925, 5190-3925, 5190-3926, 5190-3927, 5190-3924, 5190-3925, 5190-3926, 5190-3924, 5190-3932, 5190-3926, 5190-3927, 5190-3928, 5190-3924, 5190-3932, 5190-3926, 5190-3927, 5190-3928, 5190-3924, 5190-3932, 5190-3934, 5190-3935, 5190-3936, 5190-3934, 5190-3935, 5190-3936, 5190-3934, 5190-3935, 5190-3935, 5190-3936, 5190-3937, 5190-3935, 5190-3935, 5190-3935, 5190-3935, 5190-3936, 5190-3937, 5190-3933, 5190-3934, 5190-3935, 5190-3936, 5190-3937, 5190-3935, 5190-3935, 5190-3935, 5190-3935, 5190-3936, 5190-3937, 5190-3935, 5190-3935, 5190-3936, 5190-3937, 5190-3935, 5190-3936, 5190-3937, 5190-3935, 5190-3935, 5190-3935, 5190-3935, 5190-3936, 5190-3935, 5190-3936, 5190-3937, 5190-3937, 5190-3935, 5190-3936, 5190-3937, 5190-393		SureSelect Wash Buffer 2	144 ml
SureSelect Fast Hybridization Buffer SureSelect RNase Block0.918 ml 0.08 mlSureSelect RNase Block0.08 mlSureSelect XT Low Input Index Bulk Set 2 A01-H120.14 ml (96 reactions)SSEL XT HS and XT Low Input Ulstom Capture Library SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation0.192 - 0.48 ml (96 reactions)Supplier/Manufacturer: Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA 800-227-97700.68 ml (96 reactions)Emergency telephone number (with hours of operation): CHEMTREC®: 1-800-424-9300Note *: *SureSelect XT Low Input Index Bulk Set 2 A01-H12: 5190-3901, 5190-3902, 5190-3903, 5190-3904, 5190-3905, 5190-3907, 5190-3907, 5190-3902, 5190-3918, 5190-3916, 5190-3920, 5190-3923, 5190-3923, 5190-3923, 5190-3923, 5190-3924, 5190-3923, 5190		· · · ·	0.64 ml (96 reactions)
SureSelect RNase Block 0.08 ml SureSelect Post-Capture Primer Mix 0.14 ml (96 reactions) SureSelect XT Low Input Index Bulk Set 2 96 x 0.01 ml (96 reactions) A01-H12 SSEL XT HS and XT Low Input Custom 0.192 - 0.48 ml (96 reactions) Sel XT Low Input Human All Exon V7 Plus 0.68 ml (96 reactions) 2, 96 Reactions Automation 0.68 ml (96 reactions) Supplier/Manufacturer : Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA 800-227-9770 : CHEMTREC®: 1-800-424-9300 Note * : *SureSelect XT Low Input Index Bulk Set 2 A01-H12: 5190-3901, 5190-3902, 5190-3903, 5190-3904, 5190-3905, 5190-3906, 5190-3906, 5190-3906, 5190-3905, 5190-3908, 5190-3908, 5190-3908, 5190-3908, 5190-3908, 5190-3908, 5190-3903, 5190-3914, 5190-3912, 5190-3922, 5190-3922, 5190-3924, 5190-39			0 918 ml
SureSelect Post-Capture Primer Mix 0.14 ml (96 reactions) SureSelect XT Low Input Index Bulk Set 2 96 x 0.01 ml (96 reactions) 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 Plus 0.68 ml (96 reactions) Supplier/Manufacturer 4 Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA Source 27-9770 Emergency telephone number (with hours of operation) CHEMTREC®: 1-800-424-9300 Note * * SureSelect XT Low Input Index Bulk Set 2 A01-H12: 5190-3901, 5190-3902, 5190-3903, 5190-3904, 5190-3904, 5190-3905, 5190-3906, 5190-3907, 5190-3908, 5190-3902, 5190-3903, 5190-3904, 5190-3904, 5190-3904, 5190-3904, 5190-3904, 5190-3905, 5190-3904, 5190-3905, 5190-3904, 5190-3905, 5190-3904, 5190-3904, 5190-3903, 5190-3904, 5190-3903, 5190-3904, 5190-3903, 5190-3904, 5190-3903, 5190-3904, 5190-3903, 5190-3904, 5190-3903, 5190-3904, 5190-3903, 5190-3903, 5190-3904, 5190-3903, 5190-3904, 5190-3903, 5190-3904, 5190-3925, 5190-3927, 5190-3925, 5190-3925, 5190-3925, 5190-3925, 5190-3927, 5190-3925, 5190-3925, 5190-3925, 5190-3925, 5190-3927, 5190-3925, 5190-3925, 5190-3925, 5190-3925, 5190-3927, 5190-3925, 519			
SureSelect XT Low Input Index Bulk Set 2 96 x 0.01 ml (96 reactions) A01-H12 SSEL XT HS and XT Low Input Custom 0.192 - 0.48 ml (96 reactions) Capture Library 0.68 ml (96 reactions) Ssel XT Low Input Human All Exon V7 Plus 0.68 ml (96 reactions) 2, 96 Reactions Automation 0.68 ml (96 reactions) Supplier/Manufacturer : Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA 800-227-9770 Emergency telephone number (with hours of operation) : CHEMTREC®: 1-800-424-9300 Note * : *SureSelect XT Low Input Index Bulk Set 2 A01-H12: 5190-3901, 5190-3902, 5190-3903, 5190-3904, 5190-3905, 5190-3906, 5190-3907, 5190-3901, 5190-3902, 5190-3903, 5190-3920, 5190-3921, 5190-3914, 5190-3915, 5190-3916, 5190-3917, 5190-3910, 5190-3911, 5190-3926, 5190-3921, 5190-3923, 5190-3923, 5190-3923, 5190-3935, 5190-3924, 5190-3924, 5190-3925, 5190-3924, 5190-3924, 5190-3924, 5190-3924, 5190-3925, 5190-3924, 5190-3925, 5190-3924, 5190-3925, 5190-3924, 5190-3924, 5190-3925, 5190-3924, 5190-3925, 5190-3924, 5190-3925, 5190-3924, 5190-3924, 5190-3924, 5190-3924, 5190-3924, 5190-3935, 5190-3934, 5190-3935, 5190-3934, 5190-3934, 5190-3934, 5190-3934, 5190-3934, 5190-3934, 5190-3935, 5190-3936, 5190-3937, 5190-			
A01-H12 SSEL XT HS and XT Low Input Custom 0.192 - 0.48 ml (96 reactions) Capture Library SSEI XT Low Input Human All Exon V7 Plus 0.68 ml (96 reactions) Supplier/Manufacturer : Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA 800-227-9770 Emergency telephone number (with hours of operation) : CHEMTREC®: 1-800-424-9300 Note * : SureSelect XT Low Input Index Bulk Set 2 A01-H12: 5190-3901, 5190-3902, 5190-3903, 5190-3904, 5190-3905, 5190-3905, 5190-3906, 5190-3907, 5190-3904, 5190-3914, 5190-3915, 5190-3916, 5190-3916, 5190-3916, 5190-3916, 5190-3916, 5190-3916, 5190-3916, 5190-3916, 5190-3916, 5190-3916, 5190-3916, 5190-3926, 5190-3936, 5190-3926, 5190-3926, 5190-3936, 519			
Capture Library SSel XT Low Input Human All Exon V7 Plus 0.68 ml (96 reactions) 2, 96 Reactions Automation 2, 96 Reactions Automation Supplier/Manufacturer : Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA 800-227-9770 Emergency telephone number (with hours of operation) : CHEMTREC®: 1-800-424-9300 Note * : *SureSelect XT Low Input Index Bulk Set 2 A01-H12: 5190-3901, 5190-3902, 5190-3903, 5190-3904, 5190-3905, 5190-3906, 5190-3906, 5190-3906, 5190-3901, 5190-3901, 5190-3910, 5190-3911, 5190-3912, 5190-3913, 5190-3915, 5190-3915, 5190-3916, 5190-3916, 5190-3916, 5190-3916, 5190-3915, 5190-3914, 5190-3922, 5190-3923, 5190-3924, 5190-3924, 5190-3924, 5190-3925, 5190-3922, 5190-3922, 5190-3923, 5190-3924, 5190-3924, 5190-3924, 5190-3924, 5190-3924, 5190-3924, 5190-3924, 5190-3925, 5190-3925, 5190-3925, 5190-3935, 5190-3936, 5190-3934, 5190-3935, 5190-3936, 5190-3946, 5190-3945, 5190-3946, 5190-3946, 5190-3947, 5190-3946, 5190-3947, 5190-3948, 5190-3946, 5190-3946, 5190-3946, 5190-3946, 5190-3947, 5190-3946, 5190-3955, 5190-3956, 5190-3955, 5190-3956, 5190-39		•	30 X 0.01 mi (30 reactions)
Signification Signication Signification Significat		·	0.192 - 0.48 ml (96 reactions)
Supplier/Manufacturer : Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA 800-227-9770 Emergency telephone number (with hours of operation) : CHEMTREC®: 1-800-424-9300 Note * : *SureSelect XT Low Input Index Bulk Set 2 A01-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, 5190-3922, 5190-3924, 5190-3924, 5190-3924, 5190-3924, 5190-3927, 5190-3928, 5190-3927, 5190-3927, 5190-3933, 5190-3934, 5190-3934, 5190-3934, 5190-3934, 5190-3934, 5190-3935, 5190-3944, 5190-3945, 5190-3936, 5190-3937, 5190-3934, 5190-3944, 5190-3945, 5190-3944, 5190-3945, 5190-3946, 5190-3947, 5190-3948, 5190-3945, 5190-3945, 5190-3946, 5190-3945, 5190-3946, 5190-3947, 5190-3948, 5190-3945, 5190-3956, 5190-3957, 5190-3956, 5190-3957, 5190-3956, 5190-3956, 5190-3956, 5190-3957, 5190-3956, 5190-3956, 5190-3956, 5190-3957, 5190-3958, 5190-3956, 5190-3956, 5190-3957, 5190-3956, 5190-3957, 5190-3958, 5190-3956, 5190-3956, 5190-3957, 5190-3958, 5190-3956, 5190-3977, 5190-3976, 5190-3977, 5190-3978, 5190-3978, 5190-3978, 5190-3986, 5190-3986, 5190-3986, 5190-3987, 5190-3986, 5190-3987, 5190-3986, 5190-3986, 5190-3986, 5190-3987, 5190-3986, 5190-3986, 5190-3986, 5190-3986, 5190-3986, 5190-3986, 5190-3986, 5190-3986, 5190-3986, 5190-3986, 5190-3986, 5190-3986, 5190-3987, 5190-3986, 5190-		SSel XT Low Input Human All Exon V7 Plus	0.68 ml (96 reactions)
5301 Stevens Creek Blvd Santa Clara, CA 95051, USA 800-227-9770 Emergency telephone number (with hours of operation) : CHEMTREC®: 1-800-424-9300 Note * : *SureSelect XT Low Input Index Bulk Set 2 A01-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, 5190-3925, 5190-3926, 5190-3927, 5190-3926, 5190-3927, 5190-3933, 5190-3933, 5190-3934, 5190-3924, 5190-3934, 5190-3934, 5190-3934, 5190-3944, 5190-3944, 5190-3935, 5190-3934, 5190-3944, 5190-3945, 5190-3946, 5190-3946, 5190-3946, 5190-3946, 5190-3946, 5190-3950, 5190-3951, 5190-3966, 5190-3965, 5190-3966, 5190-3965, 5190-3966, 5190-3967, 5190-3966, 5190-3967, 5190-3956, 5190-3966, 5190-3967, 5190-3976, 5190-3977, 5190-3976, 5190-3977, 5190-3976, 5190-3977, 5190-3977, 5190-3976, 5190-3977, 5190-3976, 5190-3976, 5190-3976, 5190-3976, 5190-3976, 5190-3976, 5190-3976, 5190-3976, 5190-3976, 5190-3976, 5190-3976, 5190-3976, 5190-3976, 5190-3976, 5190-3976, 5190-3976, 5190-3976, 5190-3986, 5190-39	Supplier/Manufacturer		
Santa Clara, CA 95051, USA 800-227-9770 Emergency telephone number (with hours of operation) : CHEMTREC®: 1-800-424-9300 Note * : *SureSelect XT Low Input Index Bulk Set 2 A01-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, 5190-3915, 5190-3908, 5190-3908, 5190-3917, 5190-3916, 5190-3917, 5190-3912, 5190-3922, 5190-3923, 5190-3924, 5190-3925, 5190-3926, 5190-3927, 5190-3920, 5190-3921, 5190-3921, 5190-3933, 5190-3924, 5190-3925, 5190-3934, 5190-3927, 5190-3928, 5190-3929, 5190-3930, 5190-3931, 5190-3934, 5190-3934, 5190-3934, 5190-3944, 5190-3944, 5190-3944, 5190-3944, 5190-3945, 5190-3936, 5190-3936, 5190-3936, 5190-3936, 5190-3946	Supplier/Manufacturer		
800-227-9770 Emergency telephone number (with hours of operation) : CHEMTREC®: 1-800-424-9300 Note * : *SureSelect XT Low Input Index Bulk Set 2 A01-H12: 5190-3901, 5190-3902, 5190-3903, 5190-3904, 5190-3906, 5190-3907, 5190-3907, 5190-3909, 5190-3910, 5190-3911, 5190-3912, 5190-3913, 5190-3914, 5190-3916, 5190-3909, 5190-3910, 5190-3911, 5190-3920, 5190-3921, 5190-3923, 5190-3923, 5190-3924, 5190-3925, 5190-3926, 5190-3927, 5190-3928, 5190-3929, 5190-3923, 5190-3923, 5190-3933, 5190-3934, 5190-3934, 5190-3935, 5190-3944, 5190-3945, 5190-3936, 5190-3937, 5190-3948, 5190-3944, 5190-3944, 5190-3945, 5190-3944, 5190-3945, 5190-3944, 5190-3946, 5190-3944, 5190-3946, 5190-3946, 5190-3946, 5190-3946, 5190-3946, 5190-3956, 519			
Emergency telephone number (with hours of operation) : CHEMTREC®: 1-800-424-9300 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, 5190-3931, 5190-3934, 5190-3933, 5190-3934, 5190-3935, 5190-3926, 5190-3937, 5190-3936, 5190-3937, 5190-3936, 5190-3944, 5190-3944, 5190-3944, 5190-3944, 5190-3944, 5190-3944, 5190-3944, 5190-3945, 5190-3946, 5190-3946, 5190-3945, 5190-3956, 5190-3956, 5190-3956, 5190-3959, 5190-3952, 5190-3953, 5190-3954, 5190-3955, 5190-3956, 5190-3956, 5190-3956, 5190-3957, 5190-3968, 5190-3964, 5190-3964, 5190-3965, 5190-3956, 5190-3957, 5190-3966, 5190-3967, 5190-3968, 5190-3969, 5190-3977, 5190-3973, 5190-3974, 5190-3974, 5190-3975, 5190-3968, 5190-3977, 5190-3978, 5190-3977, 5190-3988, 5190-3980, 5190-3			
number (with hours of operation) 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, 5190-3912, 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, 5190-3924, 5190-3925, 5190-3934, 5190-3927, 5190-3928, 5190-3924, 5190-3935, 5190-3934, 5190-3927, 5190-3928, 5190-3926, 5190-3927, 5190-3936, 5190-3936, 5190-3937, 5190-3936, 5190-3934, 5190-3934, 5190-3935, 5190-3936, 5190-3936, 5190-3936, 5190-3936, 5190-3940, 5190-3934, 5190-3944, 5190-3945, 5190-3946, 5190-3944, 5190-3945, 5190-3946, 5190-3946, 5190-3945, 5190-3946, 5190-3945, 5190-3946, 5190-3956, 5190-3950, 5190-3951, 5190-3946, 5190-3955, 5190-3956, 5190-3956, 5190-3956, 5190-3956, 5190-3956, 5190-3956, 5190-3956, 5190-3956, 5190-3957, 5190-3966, 5190-3966, 5190-3967, 5190-3966, 5190-3966, 5190-3977, 5190-3976, 5190-3976, 5190-3976, 5190-3976, 5190-3976, 5190-3976, 5190-3976, 5190-3976, 5190-3976, 5190-3977, 5190-3986, 5190-3987, 5190-3986, 5190-398		800-227-9770	
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, 5190-3964, 5190-3965, 5190-3966, 5190-3957, 5190-3968, 5190-3969, 5190-3970, 5190-3971, 5190-3973, 5190-3974, 5190-3975, 5190-3976, 5190-3977, 5190-3978, 5190-3979, 5190-3981, 5190-3982, 5190-3983, 5190-3984, 5190-3985, 5190-3976, 5190-3987, 5190-3981, 5190-3982, 5190-3983, 5190-3984, 5190-3985, 5190-3986, 5190-3987, 5190-3988, 5190-3980, 5190-3981, 5190-3983, 5190-3984, 5190-3985, 5190-3986, 5190-3987, 5190-3988, 5190-3980, 5190-3980, 5190-3981, 5190-3983, 5190-3984, 5190-3985, 5190-3986, 5190-3987, 5190-3988, 5190-3980,	number (with hours of	: CHEMTREC®: 1-800-424-9300	
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, 5190-3964, 5190-3965, 5190-3966, 5190-3957, 5190-3968, 5190-3969, 5190-3970, 5190-3971, 5190-3973, 5190-3974, 5190-3975, 5190-3976, 5190-3977, 5190-3978, 5190-3979, 5190-3981, 5190-3982, 5190-3983, 5190-3984, 5190-3985, 5190-3976, 5190-3987, 5190-3981, 5190-3982, 5190-3983, 5190-3984, 5190-3985, 5190-3986, 5190-3987, 5190-3988, 5190-3980, 5190-3981, 5190-3983, 5190-3984, 5190-3985, 5190-3986, 5190-3987, 5190-3988, 5190-3980, 5190-3980, 5190-3981, 5190-3983, 5190-3984, 5190-3985, 5190-3986, 5190-3987, 5190-3988, 5190-3980,	Noto *	*SureSelect XT I ow Input Index Bulk Set 2 Δ01-H	12: 5190-3901, 5190-3902, 5190-3903
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, 5190-3944, 5190-3945, 5190-3946, 5190-3947, 5190-3948, 5190-3949, 5190-3950, 5190-3951, 5190-3952, 5190-3952, 5190-3953, 5190-3954, 5190-3955, 5190-3956, 5190-3957, 5190-3958, 5190-3959, 5190-3950, 5190-3960, 5190-3961, 5190-3962, 5190-3963, 5190-3964, 5190-3966, 5190-3967, 5190-3960, 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, 5190-3983, 5190-3984, 5190-3984, 5190-3985, 5190-3988, 5190-3988, 5190-3980, 5190-3980, 5190-3981, 5190-3981, 5190-3984, 5190-3985, 5190-3986, 5190-3987, 5190-3988, 5190-3980, 5190-3980, 5190-3991, 5190-3984, 5190-3985, 5190-3985, 5190-3988, 5190-3980, 5190-3980, 5190-3991, 5190-3984, 5190-3985, 5190-3985, 5190-3987, 5190-3988, 5190-3980, 5190-3980, 5190-3990, 5190-3991, 5190-3984, 5190-3985, 5190-3985, 5190-3987, 5190-3988, 5190-3980, 5190-3980, 5190-3990, 5190-3991, 5190-3984, 5190-3985, 5190-3986, 5190-3987, 5190-3988, 5190-3980, 5190-3980, 5190-3991, 5190-3984, 5190-3985, 5190-3986, 5190-3987, 5190-3988, 5190-3980, 5190-3980, 5190-3991, 5190-3985, 5190-3985, 5190-3986, 5190-3988, 5190-3988, 5190-3980, 5190-3991, 5190-3985, 5190-3985, 5190-3985, 5190-3986, 5190-3985, 5190-3986, 5190-3986, 5190-3986, 5190-3986, 5190-3988, 5190-3980, 5190-3980, 5190-3991, 5190-3985, 5190-3985, 5190-3986, 5190-3988, 5190-3988, 5190-3980, 5190-3980, 5190-3981, 5190-3985, 5190-3986, 5190-3986, 5190-3988, 5190-3980, 5190-3980, 5190-3991, 5190-3985, 5190-3985, 5190-3986, 5190-3986, 5190-3986, 5190-3986, 5190-3986, 5190-3986, 5190-3986, 5190-3986, 5190-3980, 5190-3980, 5190-3980, 5190-3986, 5190-3986, 5190-3986, 5190-3986, 5190-3986, 5190-3986, 5190-3986,	Note		
5190-3929, 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, 5190-3968, 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, 5190-3991,			
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, 5190-3968, 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,		5190-3920, 5190-3921, 5190-3922, 5190-3923, 5190	-3924, 5190-3925, 5190-3926, 5190-3927,
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,			
5190-3952, 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, 5190-3976, 5190-3977, 5190-3978, 5190-3979, 5190-3980, 5190-3981, 5190-3982, 5190-3983, 5190-3984, 5190-3984, 5190-3985, 5190-3986, 5190-3987, 5190-3988, 5190-3989, 5190-3990, 5190-3991,			
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, 5190-3976, 5190-3977, 5190-3978, 5190-3979, 5190-3980, 5190-3981, 5190-3982, 5190-3983, 5190-3984, 5190-3984, 5190-3985, 5190-3986, 5190-3987, 5190-3988, 5190-3989, 5190-3990, 5190-3991,			
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, 5190-3984, 5190-3985, 5190-3986, 5190-3987, 5190-3988, 5190-3989, 5190-3990, 5190-3991,			
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,			
5190-3984, 5190-3985, 5190-3986, 5190-3987, 5190-3988, 5190-3989, 5190-3990, 5190-3991,			
		5190-3992, 5190-3993, 5190-3994, 5190-3995, 5190	-3996

Classification of the substa	<u>nce or mixture</u>		
End Repair-A Tailing Enzyme Mix H320	EYE IRRITATION - Category 2B		
T4 DNA Ligase H320	EYE IRRITATION - Category 2B		
Ligation Buffer H320	EYE IRRITATION - Category 2B		
Herculase II Fusion DNA Polymerase			
Date of issue/Date of revision	: 04/19/2022 Date of previous issue	: 03/07/2022	Version : 4.1 2/80

Section 2. Hazard		
H320	EYE IRRITATION - Category 2B	
SureSelect RNase Block H320	EYE IRRITATION - Category 2E	3
GHS label elements		
Signal word	: End Repair-A Tailing Enzyme Mix	Warning
	End Repair-A Tailing Buffer T4 DNA Ligase	No signal word. Warning
	Ligation Buffer	Warning
	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	Warning
	5X Herculase II Reaction Buffer	No signal word.
	SureSelect Binding Buffer	No signal word.
	SureSelect Wash Buffer 1	No signal word.
	SureSelect Wash Buffer 2	No signal word.
	SureSelect XT HS and XT Low Input Blocker Mix	No signal word.
	SureSelect Fast Hybridization Buffer	No signal word.
	SureSelect RNase Block	Warning
	SureSelect Post-Capture Primer Mix	No signal word.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	No signal word.
	SSEL XT HS and XT Low Input Custom Capture Library	No signal word.
	SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation	No signal word.
Hazard statements	: End Repair-A Tailing	H320 - Causes eye irritation.
	Enzyme Mix End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	H320 - Causes eye irritation.
	Ligation Buffer	H320 - Causes eye irritation.
	Adaptor Oligo Mix	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	H320 - Causes eye irritation.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2 SureSelect XT HS and XT	No known significant effects or critical hazards. No known significant effects or critical hazards.
	Low Input Blocker Mix SureSelect Fast	-
	Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block	H320 - Causes eye irritation.
	SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards.

Section 2. Hazard		
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	No known significant effects or critical hazards.
	SSEL XT HS and XT Low Input Custom Capture Library	No known significant effects or critical hazards.
	SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation	No known significant effects or critical hazards.
Precautionary statements		
Prevention	: End Repair-A Tailing Enzyme Mix	Not applicable.
	End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	Not applicable.
	Ligation Buffer	Not applicable.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer	Not applicable.
	100 mM dNTP Mix (25 mM each dNTP)	Not applicable.
	Herculase II Fusion DNA Polymerase	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT	Not applicable.
	Low Input Blocker Mix SureSelect Fast Hybridization Buffer	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Post-Capture Primer Mix	Not applicable.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	Not applicable.
	SSEL XT HS and XT Low Input Custom Capture Library	Not applicable.
	SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation	Not applicable.
Response	: End Repair-A Tailing Enzyme Mix	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice or attention.
	End Repair-A Tailing Buffer T4 DNA Ligase	Not applicable. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice or attention.
	Ligation Buffer	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice or attention.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM	Not applicable. Not applicable. Not applicable.
	each dNTP)	· · · · · · · · · · · · · · · · · · ·
	Herculase II Fusion DNA Polymerase	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact
Date of issue/Date of revision	: 04/19/2022 Date of previous is	sue : 03/07/2022 Version : 4.1 4/80

		lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice or attention.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer SureSelect Wash Buffer 1	Not applicable. Not applicable.
	SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix	Not applicable. Not applicable.
	SureSelect Fast Hybridization Buffer	Not applicable.
	SureSelect RNase Block	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P327 + P313 If our irritation parsists: Cot modical
		P337 + P313 - If eye irritation persists: Get medical advice or attention.
	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 Plus 2, 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 each dNTP)	Not applicable.
	Herculase II Fusion DNA Polymerase	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT	Not applicable.
	Low Input Blocker Mix SureSelect Fast Hybridization Buffer	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Post-Capture	Not applicable.
	Primer Mix	
	SureSelect XT Low Input	Not applicable.
	Index Bulk Set 2 A01-H12	
	SSEL XT HS and XT Low	Not applicable.
	Input Custom Capture Library	
	SSel XT Low Input Human	Not applicable.
	All Exon V7 Plus 2, 96	
	Reactions Automation	

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

	100 mM dNTP Mix (25 mM each dNTP) SureSelect Fast Hybridization Buffer	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 5.4% Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 31.3%
Other hazards which do not result in classification	: End Repair-A Tailing Enzyme Mix	None known.
result in classification	End Repair-A Tailing Buffer	None known.
	T4 DNA Ligase	None known.
	Ligation Buffer	None known.
	Adaptor Oligo Mix	None known.
	Forward Primer	None known.
	100 mM dNTP Mix (25 mM each dNTP)	None known.
	Herculase II Fusion DNA Polymerase	None known.
	5X Herculase II Reaction Buffer	None known.
	SureSelect Binding Buffer	None known.
	SureSelect Wash Buffer 1	None known.
	SureSelect Wash Buffer 2	None known.
	SureSelect XT HS and XT Low Input Blocker Mix	None known.
	SureSelect Fast Hybridization Buffer	None known.
	SureSelect RNase Block	None known.
	SureSelect Post-Capture Primer Mix	None known.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	None known.
	SSEL XT HS and XT Low Input Custom Capture Library	None known.
	SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation	None known.

Section 3. Composition/information on ingredients

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

Section 3. Composition/information on ingredients

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

Ingredient name	% (w/w)	CAS number
End Repair-A Tailing Enzyme Mix Glycerol	30 - 60	56-81-5
End Repair-A Tailing Buffer Potassium chloride	1 - 5	7447-40-7
T4 DNA Ligase Glycerol	30 - 60	56-81-5
Ligation Buffer Polyethylene glycol 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 Trometamol Ammonium sulphate Hexadecan-1-ol, ethoxylated	1 - 5 0.5 - 1.5 0.1 - 1	77-86-1 7783-20-2 9004-95-9
SureSelect Binding Buffer Sodium chloride	3 - 7	7647-14-5
SureSelect Wash Buffer 1 Sodium dodecyl sulphate	<0.1	151-21-3
SureSelect Wash Buffer 2 Sodium dodecyl sulphate	<0.1	151-21-3
SureSelect RNase Block Glycerol	30 - 60	56-81-5
SSEL XT HS and XT Low Input Custom Capture Library Glycerol	1 - 5	56-81-5

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

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

Description of necessary fir	<u>'st aid measures</u>	
Eye contact	: End Repair-A Tailing	Immediately flush eyes with plenty of water,
	Enzyme Mix	occasionally lifting the upper and lower eyelids.
		Check for and remove any contact lenses. Continue
		to rinse for at least 10 minutes. If irritation persists,
	End Danair A Tailing Puffar	get medical attention.
	End Repair-A Tailing Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.
		Check for and remove any contact lenses. Get
		medical attention if irritation occurs.
	T4 DNA Ligase	Immediately flush eyes with plenty of water,
		occasionally lifting the upper and lower eyelids.
		Check for and remove any contact lenses. Continue
		to rinse for at least 10 minutes. If irritation persists,
		get medical attention.
	Ligation Buffer	Immediately flush eyes with plenty of water,
		occasionally lifting the upper and lower eyelids.
		Check for and remove any contact lenses. Continue
		to rinse for at least 10 minutes. If irritation persists,
	Adaptor Oligo Mix	get medical attention. Immediately flush eyes with plenty of water,
	Adaptor Oligo Mix	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
	Herculase II Fusion DNA	medical attention if irritation occurs.
	Polymerase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.
	Folymerase	Check for and remove any contact lenses. Continue
		to rinse for at least 10 minutes. If irritation persists,
		get medical attention.
	5X Herculase II Reaction	Immediately flush eyes with plenty of water,
	Buffer	occasionally lifting the upper and lower eyelids.
		Check for and remove any contact lenses. Get
		medical attention if irritation occurs.
	SureSelect Binding Buffer	Immediately flush eyes with plenty of water,
		occasionally lifting the upper and lower eyelids.
		Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureSelect Wash Buffer 1	Immediately flush eyes with plenty of water,
	Sureceieet wash builer i	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
	SureSelect Fast	medical attention if irritation occurs. Immediately flush eyes with plenty of water,
	Hybridization Buffer	occasionally lifting the upper and lower eyelids.
		Check for and remove any contact lenses. Get
Date of issue/Date of revision	: 04/19/2022 Date of previous i	•
Date of Issue/Date of Tevision	. UTI 1012022 Date Of previous I	Version . 4.1 9/00

	SureSelect RNase Block	medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
	SureSelect Post-Capture Primer Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SSEL XT HS and XT Low Input Custom Capture Library	Immediately flush eyes with plenty of water,
	SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation :	End Repair-A Tailing Enzyme Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
	End Repair-A Tailing Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	T4 DNA Ligase	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such
	Ligation Buffer	as a collar, tie, belt or waistband. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such

10/80

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

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

12/80

	SureSelect Post-Capture Primer Mix	before reuse. Clean shoes thoroughly before reuse. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SSEL XT HS and XT Low Input Custom Capture Library	Flush contaminated skin with plenty of water.
	SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion :	End Repair-A Tailing Enzyme Mix	Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
	End Repair-A Tailing Buffer	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	T4 DNA Ligase	Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
	Ligation Buffer	Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Adaptor Oligo Mix Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person feels sick as vomiting unless directed to do so by medical personnel. If vomiting cours, the head should be kept low so that vomit does not enter the lungs. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person feels sick as vomiting unless directed to do so by medical personnel. If vomiting cours, 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 if symptoms occur. 5X Herculase II Reaction Buffer Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. SureSelect Wash Buffer 1 Wash out mouth with water. If material has been swallowed and the exposed person is	 			
Forward PrimerWash 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	swallowed and the exposed small quantities of water to vomiting unless directed to	person is conscious, give drink. Do not induce do so by medical	1
100 mM dNTP Mix (25 mM each dNTP)Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. 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 vomitid oces not enter the lungs. Get medical attention 	Forward Primer	Wash out mouth with water, swallowed and the exposed small quantities of water to vomiting unless directed to	. If material has been person is conscious, give drink. Do not induce do so by medical	
Herculase II Fusion DNA PolymeraseWash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept lows oo that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.5X Herculase II Reaction BufferWash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical 	•	Wash out mouth with water, swallowed and the exposed small quantities of water to vomiting unless directed to	If material has been person is conscious, give drink. Do not induce do so by medical	
 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect Fast Hybridization Buffer SureSelect RNase Block Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. 		Wash out mouth with water. If material has been swallow person is conscious, give sr drink. Stop if the exposed p vomiting may be dangerous unless directed to do so by vomiting occurs, the head s vomit does not enter the lun if adverse health effects per give anything by mouth to a unconscious, place in recov medical attention immediate airway. Loosen tight clothin	. Remove dentures if any. ved and the exposed mall quantities of water to berson feels sick as . Do not induce vomiting medical personnel. If hould be kept low so that tigs. Get medical attention rsist or are severe. Never n unconscious person. If ery position and get ely. Maintain an open	
SureSelect Binding BufferWash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.SureSelect Wash Buffer 1Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.SureSelect Wash Buffer 2Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.SureSelect XT HS and XT Low Input Blocker MixWash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.SureSelect Fast Hybridization BufferWash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.SureSelect Fast Hybridization BufferWash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.SureSelect Fast Hybridization BufferWash out mouth with water. If material has be	•••••••	Wash out mouth with water, swallowed and the exposed small quantities of water to o vomiting unless directed to o	person is conscious, give drink. Do not induce do so by medical	
SureSelect Wash Buffer 1Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.SureSelect XT HS and XT Low Input Blocker MixWash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove dentures if any.	SureSelect Binding Buffer	Wash out mouth with water, swallowed and the exposed small quantities of water to o vomiting unless directed to o	If material has been person is conscious, give drink. Do not induce do so by medical	
SureSelect Wash Buffer 2Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical 	SureSelect Wash Buffer 1	Wash out mouth with water, swallowed and the exposed small quantities of water to o vomiting unless directed to o	If material has been person is conscious, give drink. Do not induce do so by medical	
SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove dentures if any.	SureSelect Wash Buffer 2	Wash out mouth with water, swallowed and the exposed small quantities of water to o vomiting unless directed to o	. If material has been person is conscious, give drink. Do not induce do so by medical	
SureSelect Fast Hybridization BufferWash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove dentures if any.		Wash out mouth with water, swallowed and the exposed small quantities of water to o vomiting unless directed to o	If material has been person is conscious, give drink. Do not induce do so by medical	
·	Hybridization Buffer	Wash out mouth with water, swallowed and the exposed small quantities of water to o vomiting unless directed to o personnel. Get medical atte	If material has been person is conscious, give drink. Do not induce do so by medical ention if symptoms occur.	

	If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
SureSelect Post-Capture Primer Mix	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
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 Plus 2, 96 Reactions Automation	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

stantial souts basith	offecto	
otential acute health	enects	
Eye contact	: End Repair-A Tailing Enzyme Mix	Causes eye irritation.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	Causes eye irritation.
	Ligation Buffer	Causes eye irritation.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	Causes eye irritation.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block	Causes eye irritation.
	SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards.

Date of issue/Date of revision

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

		watering
		redness
	5X Herculase II Reaction 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	N1
	SureSelect Fast Hybridization Buffer	No specific data.
	SureSelect RNase Block	Adverse symptoms may include the following:
		irritation
		watering
		redness
	SureSelect Post-Capture	No specific data.
	Primer Mix	
	SureSelect XT Low Input	No specific data.
	Index Bulk Set 2 A01-H12	
	SSEL XT HS and XT Low	No specific data.
	Input Custom Capture Library	No specific data.
	SSel XT Low Input Human	No specific data.
	All Exon V7 Plus 2, 96	No specific data.
	Reactions Automation	
Inhalation :		No aposifia data
initialation .	End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	-	•
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Herculase II Fusion DNA	No specific data.
	Polymerase	
	5X Herculase II Reaction	No specific data.
	Buffer	1
	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	l
	SSEL XT HS and XT Low	No specific data.
	Input Custom Capture Library	
	SSel XT Low Input Human	No specific data.
	All Exon V7 Plus 2, 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	No specific data.
	Hybridization Buffer	
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture	No specific data.
	Primer Mix	
	SureSelect XT Low Input	No specific data.
	Index Bulk Set 2 A01-H12	
	SSEL XT HS and XT Low	No specific data.
	Input Custom Capture Library	
	SSel XT Low Input Human	No specific data.
	All Exon V7 Plus 2, 96	
	Reactions Automation	
Ingestion	: End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM	No specific data.
	each dNTP)	
	Herculase II Fusion DNA	No specific data.
	Polymerase	
	5X Herculase II Reaction	No specific data.
	Buffer	
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT	No specific data.
	Low Input Blocker Mix	
	SureSelect Fast	No specific data.
	Hybridization Buffer	Nie en esifie dete
	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	No specific data.
	Input Custom Capture Library	· · · · · · · · · · · · · · · · · · ·
	SSel XT Low Input Human	No specific data.
	All Exon V7 Plus 2, 96	
	Reactions Automation	
Deterring the second (Deterring the second states of		00/07/0000

Indication of immediate medica	al attention and special treatm	<u>nent needed, if necessary</u>
Notes to physician	End Repair-A Tailing Enzyme Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	End Repair-A Tailing Buffer	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	T4 DNA Ligase	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Ligation Buffer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Adaptor Oligo Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Forward Primer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	100 mM dNTP Mix (25 mM each dNTP)	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	Herculase II Fusion DNA Polymerase	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	5X Herculase II Reaction Buffer	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	SureSelect Binding Buffer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect Wash Buffer 1	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect Wash Buffer 2	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect XT HS and XT Low Input Blocker Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect Fast Hybridization Buffer	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	SureSelect RNase Block	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect Post-Capture Primer Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SSEL XT HS and XT Low Input Custom Capture Library	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been

	neueuree	
		ingested or inhaled.
	SSel XT Low Input Human	Treat symptomatically. Contact poison treatment
	All Exon V7 Plus 2, 96	specialist immediately if large quantities have been
Specific treatments :	Bractiepsi Automatign	Nossieding inballedent.
	Enzyme Mix	No operific treatment
	End Repair-A Tailing Buffer T4 DNA Ligase	No specific treatment. No specific treatment.
	Ligation Buffer	No specific treatment.
	Adaptor Oligo Mix	No specific treatment.
	Forward Primer	No specific treatment.
	100 mM dNTP Mix (25 mM	No specific treatment.
	each dNTP)	'
	Herculase II Fusion DNA	No specific treatment.
	Polymerase	
	5X Herculase II Reaction	No specific treatment.
	Buffer	No. and the start of
	SureSelect Binding Buffer	No specific treatment.
	SureSelect Wash Buffer 1 SureSelect Wash Buffer 2	No specific treatment. No specific treatment.
	SureSelect XT HS and XT	No specific treatment.
	Low Input Blocker Mix	
	SureSelect Fast	No specific treatment.
	Hybridization Buffer	
	SureSelect RNase Block	No specific treatment.
	SureSelect Post-Capture	No specific treatment.
	Primer Mix	
	SureSelect XT Low Input	No specific treatment.
	Index Bulk Set 2 A01-H12	No. and the start of
	SSEL XT HS and XT Low	No specific treatment.
	Input Custom Capture Library SSel XT Low Input Human	No specific treatment.
	All Exon V7 Plus 2, 96	
	Reactions Automation	
Protection of first-aiders :	End Repair-A Tailing	No action shall be taken involving any personal risk
	Enzyme Mix	or without suitable training. It may be dangerous to
	,	the person providing aid to give mouth-to-mouth
		resuscitation.
	End Repair-A Tailing Buffer	No action shall be taken involving any personal risk
		or without suitable training.
	T4 DNA Ligase	No action shall be taken involving any personal risk
		or without suitable training. It may be dangerous to
		the person providing aid to give mouth-to-mouth resuscitation.
	Ligation Buffer	No action shall be taken involving any personal risk
	Ligation Barlor	or without suitable training. It may be dangerous to
		the person providing aid to give mouth-to-mouth
		resuscitation.
	Adaptor Oligo Mix	No action shall be taken involving any personal risk
		or without suitable training.
	Forward Primer	No action shall be taken involving any personal risk
	100 mM dNTD Mix (25 mM	or without suitable training.
	100 mM dNTP Mix (25 mM each dNTP)	No action shall be taken involving any personal risk or without suitable training.
	Herculase II Fusion DNA	No action shall be taken involving any personal risk
	Polymerase	or without suitable training. It may be dangerous to
	,	the person providing aid to give mouth-to-mouth
		resuscitation.
	5X Herculase II Reaction	No action shall be taken involving any personal risk
	Buffer	or without suitable training.
	SureSelect Binding Buffer	No action shall be taken involving any personal risk
Date of issue/Date of revision	: 04/19/2022 Date of previous is	sue : 03/07/2022 Version : 4.1 21/8

	or without suitable training.
SureSelect Wash Buffer 1	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect Wash Buffer 2	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect XT HS and XT	No action shall be taken involving any personal risk
Low Input Blocker Mix	or without suitable training.
SureSelect Fast	No action shall be taken involving any personal risk
Hybridization Buffer	or without suitable training.
SureSelect RNase Block	No action shall be taken involving any personal risk
	or without suitable training. It may be dangerous to
	the person providing aid to give mouth-to-mouth
	resuscitation.
SureSelect Post-Capture	No action shall be taken involving any personal risk
Primer Mix	or without suitable training.
SureSelect XT Low Input	No action shall be taken involving any personal risk
Index Bulk Set 2 A01-H12	or without suitable training.
SSEL XT HS and XT Low	No action shall be taken involving any personal risk
Input Custom Capture Library	
SSel XT Low Input Human	No action shall be taken involving any personal risk
All Exon V7 Plus 2, 96	or without suitable training.
Reactions Automation	

See toxicological information (Section 11)

Extinguishing media		
Suitable extinguishing media	: End Repair-A Tailing Enzyme Mix	Use an extinguishing agent suitable for the surrounding fire.
	End Repair-A Tailing Buffer	Use an extinguishing agent suitable for the surrounding fire.
	T4 DNA Ligase	Use an extinguishing agent suitable for the surrounding fire.
	Ligation Buffer	Use an extinguishing agent suitable for the surrounding fire.
	Adaptor Oligo Mix	Use an extinguishing agent suitable for the surrounding fire.
	Forward Primer	Use an extinguishing agent suitable for the surrounding fire.
	100 mM dNTP Mix (25 mM each dNTP)	Use an extinguishing agent suitable for the surrounding fire.
	Herculase IÍ 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.
Date of issue/Date of revision	: 04/19/2022 Date of previous is	ssue : 03/07/2022 Version : 4.1 22/80

	ing measures	
	SureSelect XT Low Input Index Bulk Set 2 A01-H12 SSEL XT HS and XT Low	Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the
	Input Custom Capture Library	surrounding fire.
	SSel XT Low Input Human	Use an extinguishing agent suitable for the
	All Exon V7 Plus 2, 96	surrounding fire.
	Reactions Automation	cancanang me.
Unsuitable extinguishing	End Repair-A Tailing	None known.
media	Enzyme Mix	NI I
	End Repair-A Tailing Buffer	None known.
	T4 DNA Ligase	None known.
	Ligation Buffer	None known.
	Adaptor Oligo Mix	None known.
	Forward Primer	None known.
	100 mM dNTP Mix (25 mM each dNTP)	None known.
	Herculase II Fusion DNA Polymerase	None known.
	5X Herculase II Reaction Buffer	None known.
	SureSelect Binding Buffer	None known.
	SureSelect Wash Buffer 1	None known.
	SureSelect Wash Buffer 2	None known.
	SureSelect XT HS and XT	None known.
	Low Input Blocker Mix	
	SureSelect Fast Hybridization Buffer	None known.
	SureSelect RNase Block	None known.
	SureSelect Post-Capture	None known.
	Primer Mix	
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	None known.
	SSEL XT HS and XT Low Input Custom Capture Library	None known.
		None known.
	SSel XT Low Input Human	NOTE KITOWIT.
	All Exon V7 Plus 2, 96 Reactions Automation	
	Reactions Automation	
	End Repair-A Tailing	In a fire or if heated, a pressure increase will occur
from the chemical	Enzyme Mix	and the container may burst.
	End Repair-A Tailing Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
	T4 DNA Ligase	In a fire or if heated, a pressure increase will occur
	Ligation Buffer	and the container may burst. In a fire or if heated, a pressure increase will occur
	Adaptan Olive Miss	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
	Sureceiest binding build	and the container may burst.
	SureSelect Wash Buffer 1	In a fire or if heated, a pressure increase will occur

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

SureSelect XT Low Input Reagent Kit, index 97-192 + Human All Exon V7 Plus 2 Target Enrichment Baits, 96 rxn, auto, Part Number G9508Q

	SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix	No specific data. No specific data. No specific data.
	SureSelect Fast Hybridization Buffer	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds
	SureSelect RNase Block	metal oxide/oxides Decomposition products may include the following materials: carbon dioxide
	SureSelect Post-Capture Primer Mix	carbon monoxide No specific data.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	No specific data.
	SSEL XT HS and XT Low Input Custom Capture Library	Decomposition products may include the following materials: carbon dioxide carbon monoxide
	SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation	No specific data.
Special protective actions for fire-fighters	: End Repair-A Tailing Enzyme Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	End Repair-A Tailing Buffer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or
	T4 DNA Ligase	without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or
	Ligation Buffer	without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or
	Adaptor Oligo Mix	without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or
	Forward Primer	without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or
	100 mM dNTP Mix (25 mM each dNTP)	without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or
	Herculase II Fusion DNA Polymerase	without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or
	5X Herculase II Reaction	without suitable training. Promptly isolate the scene by removing all persons
Date of issue/Date of revision	: 04/19/2022 Date of previous is	sue : 03/07/2022 Version : 4.1 25/

	Buffer	from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
	SureSelect Binding Buffer	without suitable training. Promptly isolate the scene by removing all persons
		from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect Wash Buffer 1	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect Wash Buffer 2	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT HS and XT Low Input Blocker Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect Fast Hybridization Buffer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect RNase Block	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect Post-Capture Primer Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SSEL XT HS and XT Low Input Custom Capture Library	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective : equipment for fire-fighters	End Repair-A Tailing Enzyme Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	End Repair-A Tailing Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
	T4 DNA Ligase	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	Ligation Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	Adaptor Oligo Mix	Fire-fighters should wear appropriate protective
Date of issue/Date of revision	: 04/19/2022 Date of previous is	ssue : 03/07/2022 Version : 4.1 26/

SureSelect XT Low Input Reagent Kit, index 97-192 + Human All Exon V7 Plus 2 Target Enrichment Baits, 96 rxn, auto, Part Number G9508Q

	equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
	pressure mode.
Forward Primer	Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
100 mM dNTP Mix (25 mM	Fire-fighters should wear appropriate protective
each dNTP)	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
Herculase II Fusion DNA	pressure mode.
Polymerase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus
Polymerase	(SCBA) with a full face-piece operated in positive
	pressure mode.
5X Herculase II Reaction	Fire-fighters should wear appropriate protective
Buffer	equipment and self-contained breathing apparatus
Banor	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect Binding Buffer	Fire-fighters should wear appropriate protective
g	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect Wash Buffer 1	Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect Wash Buffer 2	Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect XT HS and XT	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
SuleSelect Rhase Block	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect Post-Capture	Fire-fighters should wear appropriate protective
Primer Mix	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect XT Low Input	Fire-fighters should wear appropriate protective
Index Bulk Set 2 A01-H12	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SSEL XT HS and XT Low	Fire-fighters should wear appropriate protective
Input Custom Capture Library	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SSel XT Low Input Human	Fire-fighters should wear appropriate protective
All Exon V7 Plus 2, 96	equipment and self-contained breathing apparatus
Reactions Automation	(SCBA) with a full face-piece operated in positive
	pressure mode.

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

	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilled material. Put on appropriate personal
	protective equipment.
SureSelect Binding Buffer	No action shall be taken involving any personal risk
	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilled material. Put on appropriate personal
	protective equipment.
SureSelect Wash Buffer 1	No action shall be taken involving any personal risk
	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilled material. Put on appropriate personal
	protective equipment.
SureSelect Wash Buffer 2	No action shall be taken involving any personal risk
	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilled material. Put on appropriate personal
	protective equipment.
SureSelect XT HS and XT	No action shall be taken involving any personal risk
Low Input Blocker Mix	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilled material. Put on appropriate personal
	protective equipment.
SureSelect Fast	No action shall be taken involving any personal risk
Hybridization Buffer	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilled material. Put on appropriate personal
	protective equipment.
SureSelect RNase Block	No action shall be taken involving any personal risk
SureSelect Mase Diock	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilled material. Avoid breathing vapor or
	mist. Provide adequate ventilation. Wear
	appropriate respirator when ventilation is inadequate.
	Put on appropriate personal protective equipment.
SureSelect Post-Capture	No action shall be taken involving any personal risk
Primer Mix	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk
	through spilled material. Put on appropriate personal
	protective equipment.
SuraSalaat VT Law Input	
SureSelect XT Low Input	No action shall be taken involving any personal risk
Index Bulk Set 2 A01-H12	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilled material. Put on appropriate personal
	protective equipment.
SSEL XT HS and XT Low	No action shall be taken involving any personal risk
input Custom Capture Library	or without suitable training. Evacuate surrounding
	areas. Keep unnecessary and unprotected
	personnel from entering. Do not touch or walk
	through spilled material. Put on appropriate personal
	protective equipment.

29/80

	SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
For emergency responders	End Repair-A Tailing Enzyme Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	End Repair-A Tailing Buffer	information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	T4 DNA Ligase	information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	Ligation Buffer	information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on
	Adaptor Oligo Mix	suitable and unsuitable materials. See also the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	Forward Primer	information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on
	100 mM dNTP Mix (25 mM each dNTP)	suitable and unsuitable materials. See also the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	Herculase II Fusion DNA Polymerase	information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	5X Herculase II Reaction Buffer	information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect Binding Buffer	information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect Wash Buffer 1	information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect Wash Buffer 2	information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureSelect XT HS and XT Low Input Blocker Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureSelect Fast Hybridization Buffer	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on
Date of issue/Date of revision	: 04/19/2022 Date of previous i	issue : 03/07/2022 Version : 4.1 30/80

SureSelect XT Low Input Reagent Kit, index 97-192 + Human All Exon V7 Plus 2 Target Enrichment Baits, 96 rxn, auto, Part Number G9508Q

Section 6. Accidental release measures

		suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureSelect RNase Block	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect Post-Capture Primer Mix	information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SSEL XT HS and XT Low Input Custom Capture Library	If specialized clothing is required to deal with the
	SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions :	End Repair-A Tailing Enzyme Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	End Repair-A Tailing Buffer	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	T4 DNA Ligase	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, acid er sin)
	Ligation Buffer	soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	Adaptor Oligo Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	Forward Primer	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	100 mM dNTP Mix (25 mM each dNTP)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	Herculase II Fusion DNA Polymerase	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
	,	

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

Methods and materials for containment and cleaning up

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

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

Section 7. Handling and storage

Precautions for safe handling		
Protective measures :	End Repair-A Tailing Enzyme Mix	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
	End Repair-A Tailing Buffer	Put on appropriate personal protective equipment (see Section 8).
	T4 DNA Ligase	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
	Ligation Buffer	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
	Adaptor Oligo Mix	Put on appropriate personal protective equipment
	Forward Primer	(see Section 8). Put on appropriate personal protective equipment
	100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA	(see Section 8). Put on appropriate personal protective equipment (see Section 8). Put on appropriate personal protective equipment
	Polymerase	(see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
	5X Herculase II Reaction	Put on appropriate personal protective equipment
	Buffer SureSelect Binding Buffer	(see Section 8). Put on appropriate personal protective equipment
	SureSelect Wash Buffer 1	(see Section 8). Put on appropriate personal protective equipment (see Section 8).
	SureSelect Wash Buffer 2	Put on appropriate personal protective equipment (see Section 8).
	SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer	Put on appropriate personal protective equipment (see Section 8). Put on appropriate personal protective equipment (see Section 8).
	SureSelect RNase Block	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers

Section 7. Handling and storage

eeellen mananig	and otorage	
		retain product residue and can be hazardous. Do not reuse container.
	SureSelect Post-Capture Primer Mix	Put on appropriate personal protective equipment (see Section 8).
SureSelect XT Low Input Index Bulk Set 2 A01-H12		Put on appropriate personal protective equipment (see Section 8).
	SSEL XT HS and XT Low Input Custom Capture Library SSel XT Low Input Human	Put on appropriate personal protective equipment
		Put on appropriate personal protective equipment
	All Exon V7 Plus 2, 96 Reactions Automation	(see Section 8).
Advice on general : occupational hygiene	End Repair-A Tailing Enzyme Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment
	End Repair-A Tailing Buffer	before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and
		processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	T4 DNA Ligase	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove
	Ligation Buffer	contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove
	Adaptor Oligo Mix	contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment
	Forward Primer	before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face
	100 mM dNTP Mix (25 mM each dNTP)	before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Section 7. Handling and storage

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

Section 7. Handling and storage

J	· · · · · · · · · · · · · · · · · · ·	
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	SSEL XT HS and XT Low Input Custom Capture Library	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, : including any incompatibilities	End Repair-A Tailing Enzyme Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	End Repair-A Tailing Buffer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	T4 DNA Ligase	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	Ligation Buffer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a

38/80

Section 7. Handling and storage

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

39/80

Section 7. Handling and storage

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

Section 7. Handling and storage

	original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for
SureSelect Post-Capture Primer Mix	incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect XT Low Input Index Bulk Set 2 A01-H12	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SSEL XT HS and XT Low Input Custom Capture Library	Store in accordance with local regulations. Store in
SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation	Storage temperature: -80°C (-112°F). Store in accordance with local regulations. Shelf life: 48 months. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
End Repair-A Tailing Enzyme Mix Glycerol	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m ³ 8 hours. Form: Mist CA Quebec Provincial (Canada, 7/2019). TWAEV: 10 mg/m ³ 8 hours. Form: mist CA Saskatchewan Provincial (Canada, 7/2013). STEL: 20 mg/m ³ 15 minutes. Form: mist TWA: 10 mg/m ³ 8 hours. Form: mist CA British Columbia Provincial (Canada, 1/2021). TWA: 3 mg/m ³ 8 hours. Form: respirable mist TWA: 10 mg/m ³ 8 hours. Form: total mist
T4 DNA Ligase Glycerol	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m ³ 8 hours. Form: Mist CA Quebec Provincial (Canada, 7/2019). TWAEV: 10 mg/m ³ 8 hours. Form: mist CA Saskatchewan Provincial (Canada, 7/2013). STEL: 20 mg/m ³ 15 minutes. Form: mist TWA: 10 mg/m ³ 8 hours. Form: mist CA British Columbia Provincial (Canada, 1/2021). TWA: 3 mg/m ³ 8 hours. Form: respirable mist TWA: 10 mg/m ³ 8 hours. Form: total mist
Ligation Buffer Polyethylene glycol	OARS WEEL (United States, 1/2021).
Glycerol	TWA: 10 mg/m ³ 8 hours. CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m ³ 8 hours. Form: Mist CA Quebec Provincial (Canada, 7/2019). TWAEV: 10 mg/m ³ 8 hours. Form: mist CA Saskatchewan Provincial (Canada, 7/2013). STEL: 20 mg/m ³ 15 minutes. Form: mist TWA: 10 mg/m ³ 8 hours. Form: mist CA British Columbia Provincial (Canada, 1/2021). TWA: 3 mg/m ³ 8 hours. Form: respirable mist TWA: 10 mg/m ³ 8 hours. Form: total mist
Herculase II Fusion DNA Polymerase Glycerol	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 10 mg/m ³ 8 hours. Form: Mist CA Quebec Provincial (Canada, 7/2019). TWAEV: 10 mg/m ³ 8 hours. Form: mist CA Saskatchewan Provincial (Canada,

Section 8. Exposure controls/personal protection

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

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 measu	res :	Wash hands, forearms and face thoroughly after handling chemical products, before

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before
eating, smoking and using the lavatory and at the end of the working period.
Appropriate techniques should be used to remove potentially contaminated clothing.
Wash contaminated clothing before reusing. Ensure that eyewash stations and
safety showers are close to the workstation location.

Section 8. Exposure controls/personal protection

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

Section 9. Physical and chemical properties and safety characteristics

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

Appearance

<u>Appoulation</u>			
Physical state	:	End Repair-A Tailing Enzyme Mix	Liquid.
		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	Liquid.
		Primer Mix	
		SureSelect XT Low Input Index Bulk Set 2 A01-H12	Liquid.
		SSEL XT HS and XT Low Input Custom Capture Library	Liquid.

Date of issue/Date of revision	: 04/19/2022	Date of previous issue	: 03/07/2022	Version : 4.1
--------------------------------	--------------	------------------------	--------------	---------------

44/80

L	00 IVT I I I I I	
	SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation	Liquid.
Color :	End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing Buffer	Not available.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM	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	Not available.
	SureSelect XT Low Input	Not available.
	Index Bulk Set 2 A01-H12	Not available.
	SSEL XT HS and XT Low	Not available.
		Not available.
	Input Custom Capture Library	Not available.
	SSel XT Low Input Human	Not available.
	All Exon V7 Plus 2, 96 Reactions Automation	
Odor :	End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing Buffer	Not available.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM	Not available.
	each dNTP)	
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction	Not available.
	Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect 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	
Date of issue/Date of revision	: 04/19/2022 Date of previous is	sue : 03/07/2022

	SSEL XT HS and XT Low Input Custom Capture Library	Not available.
	SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation	Not available.
Odor threshold :	End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing Buffer	Not available.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT Low Input Blocker Mix	Not available.
	SureSelect Fast Hybridization Buffer	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Post-Capture Primer Mix	Not available.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	Not available.
	SSEL XT HS and XT Low Input Custom Capture Library	Not available.
	SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation	Not available.
pH :	End Repair-A Tailing Enzyme Mix	6.5
	End Repair-A Tailing Buffer	8
	T4 DNA Ligase	7.5
	Ligation Buffer	8
	Adaptor Oligo Mix	7.5
	Forward Primer	7.5
	100 mM dNTP Mix (25 mM each dNTP)	7.5
	Herculase II Fusion DNA Polymerase	8.2
	5X Herculase II Reaction Buffer	9.5 to 10.5
	SureSelect Binding Buffer	7.5
	SureSelect Wash Buffer 1	7.5
	SureSelect Wash Buffer 2	7
	SureSelect XT HS and XT	7.5
	Low Input Blocker Mix SureSelect Fast	Not available.
	Hybridization Buffer	1 NOL AVAIIANIC.
	SureSelect RNase Block	7.6
	SureSelect Post-Capture	7.5
	Primer Mix	
Date of issue/Date of revision	: 04/19/2022 Date of previous is	sue : 03/07/2022

SureSelect XT Low Input 7.5 Index Bulk Set 2 A01-H12	
SSEL XT HS and XT Low Not available. Input Custom Capture Library	
SSel XT Low Input Human Not available. All Exon V7 Plus 2, 96	
Reactions Automation	
Melting point/freezing point : End Repair-A Tailing Not available. Enzyme Mix	
End Repair-A Tailing Buffer 0°C (32°F)	
T4 DNA Ligase Not available.	
Ligation Buffer Not available.	
Adaptor Oligo Mix 0°C (32°F)	
Forward Primer 0°C (32°F)	
100 mM dNTP Mix (25 mM Not available.	
each dNTP)	
Herculase II Fusion DNA Not available.	
Polymerase	
5X Herculase II Reaction Not available. Buffer	
SureSelect Binding Buffer Not available.	
SureSelect Wash Buffer 1 0°C (32°F)	
SureSelect Wash Buffer 2 0°C (32°F)	
SureSelect XT HS and XT 0°C (32°F)	
Low Input Blocker Mix	
SureSelect Fast Not available.	
Hybridization Buffer	
SureSelect RNase Block Not available.	
SureSelect Post-Capture 0°C (32°F)	
SureSelect XT Low Input 0°C (32°F)	
Index Bulk Set 2 A01-H12 SSEL XT HS and XT Low 0°C (32°F)	
Input Custom Capture Library	
SSel XT Low Input Human 0°C (32°F)	
All Exon V7 Plus 2, 96	
Reactions Automation	
Boiling point, initial boiling : End Repair-A Tailing Not available.	
point, and boiling range Enzyme Mix	
End Repair-A Tailing Buffer 100°C (212°F)	
T4 DNA Ligase Not available.	
Ligation Buffer Not available.	
Adaptor Oligo Mix 100°C (212°F)	
Forward Primer 100°C (212°F)	
100 mM dNTP Mix (25 mM Not available.	
each dNTP)	
Herculase II Fusion DNA Not available.	
Polymerase	
5X Herculase II Reaction Not available. Buffer	
SureSelect Binding Buffer Not available. SureSelect Wash Buffer 1 100°C (212°F)	
SureSelect Wash Buffer 2 100°C (212°F)	
SureSelect Wash Building 2 100 C (212 F) SureSelect XT HS and XT 100°C (212°F)	
Low Input Blocker Mix	
SureSelect Fast Not available.	
Hybridization Buffer	
SureSelect RNase Block Not available.	

	SureSelect Post-Cap Primer Mix	oture	100°C (2	212°F)			
	SureSelect XT Low I Index Bulk Set 2 A0		100°C (2	212°F)			
	SSEL XT HS and XT		100°C (2	212°F)			
	Input Custom Captur SSel XT Low Input I All Exon V7 Plus 2, 9 Reactions Automatic	re Library Human 96					
Flash point :			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-	>110	>230				

	<u></u>	<u> </u>				
2,3-diol						
SureSelect Binding Buffer						
Edetic acid	>100	>212	DIN 51758			
SureSelect Wash Buffer 1						
Citric acid, trisodium salt, dihydrate	>100	>212				
SureSelect Wash Buffer 2						
Citric acid, trisodium salt, dihydrate	>100	>212				
SureSelect XT HS and XT Low Input Blocker Mix						
Edetic acid	>100	>212	DIN 51758			
SureSelect RNase Block						
(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230				
Glycerol				177	350.6	
SureSelect Post- Capture Primer Mix						
Edetic acid	>100	>212	DIN 51758			
SureSelect XT Low Input Index Bulk Set 2 A01-H12						
Edetic acid	>100	>212	DIN 51758			
SSEL XT HS and XT Low Input Custom Capture Library						
Edetic acid	>100	>212	DIN 51758			
(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230				
SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation						
Edetic acid	>100	>212	DIN 51758			
(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230				

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

	All Exon V7 Plus 2, Reactions Automati						
Lower and upper explosion limit/flammability limit	: End Repair-A Tailin Enzyme Mix	g	Not avai	lable.			
	End Repair-A Tailin	a Buffer	Not avai	lable			
	T4 DNA Ligase	g Daniel	Not avai				
	Ligation Buffer		Not avai	lable.			
	Adaptor Oligo Mix		Not avai	lable.			
	Forward Primer		Not avai				
	100 mM dNTP Mix (each dNTP)	(25 mM	Not avai	lable.			
	Herculase II Fusion Polymerase	DNA	Not avai	lable.			
	5X Herculase II Rea Buffer	action	Not avai	lable.			
	SureSelect Binding	Buffer	Not avai	lable.			
	SureSelect Wash B		Not avai	lable.			
	SureSelect Wash B		Not avai				
	SureSelect XT HS a		Not avai	lable.			
	Low Input Blocker M SureSelect Fast	lix	Not avai	labla			
	Hybridization Buffer		not avai	lable.			
	SureSelect RNase I		Not avai	lable.			
	SureSelect Post-Ca		Not avai				
	Primer Mix	Innut	Not avai	labla			
	SureSelect XT Low Index Bulk Set 2 A0		NUL avai	able.			
	SSEL XT HS and X		Not avai	lable.			
	Input Custom Captu	ire Library					
	SSel XT Low Input		Not avai	lable.			
	All Exon V7 Plus 2,						
	Reactions Automati	on					
Vapor pressure	:	Vapo	r Pressu	re at 20°C	Vapo	or pressu	ire 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'-	<0.00075006	<0.0001		<0.00075006	<0.0001	
	(tetrahydrogen triphosphate), disodium salt						
	T4 DNA Ligase						
	water	23.8	3.2		92.258	12.3	
	Glycerol	0.000075	0.00001		0.0025	0.00033	
		1		1			
Date of issue/Date of revision	: 04/19/2022 Date of	previous is	sue	: 03/07/2022	1	Version	: 4.1 51/80

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

water 23.8 3.2 92.258 12.3 Sodium dodecyl sulphate =0.0013801 \$0.0018 92.258 12.3 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 hydrochoinde 0.000027 0.000036 0.00007501 0.000011 SureSelect Fast Hybridization Buffer 0.000027 0.000036 92.258 12.3 2-Amino-2- (hydroxymethyl)propane- 1.3-diol hydrochoinde 0.000027 0.000036 0.00007501 0.00001 SureSelect RNase Block 0.000075 0.00001 0.0025 0.00001 SureSelect RNase Block 0.000027 0.000036 0.00007501 0.00001 SureSelect Post- Capture Primer Mix water 23.8 3.2 92.258 12.3 SureSelect X Low Input Index Buik Set 2 Ad1+12 0.000027 0.000036 0.00007501 0.00001 SureSelect XT Low Input Index Buik Set 2 Ad1+12 3.2 92.258 12.3 Selex XT HS and XT Low Input Custom Capture Library 0.000075 0.00001 0.00025 0.00003						
sulphateImage: sulphateImage: sulphateImage: sulphateSureSelect XI HS and XI Low input Blocker Mix23.83.292.26812.32-Amino-2- (hydroxymethyl)propane- 1.3-diol hydrochloride0.0000270.0000360.000077010.000011SureSelect Fast Hybridization Buffer vater23.83.292.25812.32-Amino-2- (hydroxymethyl)propane- 1.3-diol hydrochloride0.0000270.0000360.000075010.000011SureSelect RNase Block0.0000750.0000110.002550.000010.0000751SureSelect RNase Block0.0000750.0000110.002550.0000360.002550.000031SureSelect RNase Block0.0000750.0000110.002550.0000360.0002750.000036SureSelect RNase Block0.0000770.0000360.00007610.000011SureSelect RNase Block0.0000270.0000360.00007610.000011SureSelect TLow Individucibioride0.0000270.0000360.00007610.000011SureSelect XI Low Individucibioride0.0000270.0000360.00007610.000011Selex TI Hs and XT Capture Library0.0000270.0000360.00007610.0000761Sel XT Low Input Human All Exon VT Human All Exon VT Luo SureSelicon0.0000750.0000360.00035Water23.83.292.25812.3Sel XT Low Input Human All Exon VT Human All Exon VT0.0000750.0000360.00025Water	water	23.8	3.2	92.258	12.3	
XTL ow input Blocker Mix23.83.292.25812.3water23.83.20.00007600.000077600.00007760SureSelect Fast Hybridization Buffer23.83.292.25812.3SureSelect Fast Chydroxymethyl)propane (1.3-diol hydrochorided3.292.25812.3SureSelect Fast Block0.0000270.0000260.000076000.00007600SureSelect Fast Chydroxymethyl)propane (1.3-diol hydrochorided3.292.25812.3SureSelect RNase Block0.0000750.0000760.000250.00026SureSelect RNase Block0.0000760.0000760.000270.00026SureSelect Post- Capture Primer Mix3.292.25812.3SureSelect Post- Capture Primer Mix3.292.25812.3SureSelect X1 Low Injdiol hydrochorided0.0000270.0000360.0000760.000076SureSelect X1 Low Injdiol hydrochorided0.0000270.0000360.0000760.000076SureSelect X1 Low Injdiol hydrochorided0.0000270.0000360.000076012.3SureSelect X1 Low Injdiol hydrochorided0.0000270.0000360.000076000.00007700SureSelect X1 Low Injdiol hydrochorided0.0000270.0000360.000077000.00007700SureSelect X1 Low Hybridize Sulf K2 and K20.0000360.000076000.000077000.00001SureSelect X1 Low Hybridize Sulf K2 and K20.0000360.000077000.000077000.00001S		≤0.0013501	≤0.00018			
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride 0.000027 0.000036 0.00007501 0.00001 SureSelect Fast Hybridization Buffer 23.8 3.2 92.258 12.3 2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride 0.000027 0.000036 0.00007501 0.00001 SureSelect RNase Block 0.000075 0.0000175 0.000011 0.00001 SureSelect RNase Block 0.000075 0.00001 0.00027 0.00001 SureSelect RNase Block 0.000075 0.00001 0.0025 0.0003 water 23.8 3.2 92.258 12.3 Glycerol 0.000027 0.000036 0.00007501 0.00001 Number 2.3.8 3.2 92.258 12.3 SureSelect XT Low Input Index Bulk Set 2 A01+112 0.000027 0.000036 0.00007501 0.00001 SureSelect XT Low Input Index Guik Set 2 A01+112 0.000027 0.000036 0.00007501 0.00001 SSEL XT HS and XT Low Input Custom Tapture Library 23.8 3.2 92.258 12.3 Water 23.8 </td <td>XT Low Input Blocker</td> <td></td> <td></td> <td></td> <td></td> <td></td>	XT Low Input Blocker					
(hydroxymethyl)propane- 1,3-diol hydrochloride 23.8 3.2 92.258 12.3 SurgSelect Fast Hybridization Buffer 0.000027 0.000036 0.00007501 0.000011 2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride 0.000075 0.000016 0.00007501 0.000011 SurgSelect RNase Block 23.8 3.2 92.258 12.3 Water 23.8 3.2 0.00025 0.00025 Glycerol 0.000075 0.00001 0.0025 0.00025 SurgSelect Post- Capture Primer Mix 23.8 3.2 92.258 12.3 Water 23.8 3.2 92.258 12.3 SurgSelect T Low Input Index Bulk Set 2 A01+H12 0.00027 0.000036 0.00007501 0.00001 SurgSelect XT Low Input Index Sulk Set 2 A01+H12 0.000027 0.000036 92.258 12.3 SSEL XT HS and XT Low Input Custom Capture Library 23.8 3.2 92.258 12.3 Siger XT Low Input Human All Exor V7 0.000075 0.00001 0.0025 0.00031 Siger XT Low Input Human All Exor V7 0.00001 0.00025 0.00031 0.0025 0	water	23.8	3.2	92.258	12.3	
Hybridization Buffer23.83.292.25812.3water23.83.20.0000360.000075010.000075010.000017SureSelect RNase23.83.292.25812.3Glycerol0.000070.000070.00010.002500.00036SureSelect Post- capture Primer Mix23.83.292.25812.3Water23.83.292.25812.3SureSelect Post- capture Primer Mix0.0000750.0000360.000075010.000011Water23.83.292.25812.3SureSelect XT Low (hydroxymethyl)propane- (hydroxymeth	(hydroxymethyl)propane-	0.000027	0.0000036	0.000007501	0.000001	
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride 0.000027 0.000036 0.000036 0.00007501 0.00001 SureSelect RNase Block 23.8 3.2 92.258 12.3 Glycerol 0.000075 0.00001 0.0025 0.00036 SureSelect Post- Capture Primer Mix 23.8 3.2 92.258 12.3 Vater 23.8 3.2 92.258 12.3 2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride 0.00007501 0.000016 0.000011 SureSelect XI Low Input Index Bulk Set 2 AO1-H12 0.000027 0.000036 0.000036 0.00007501 0.00001 SSEL XT HS and XT Capture Library 23.8 3.2 92.258 12.3 Water 23.8 3.2 92.258 12.3 SSEL XT HS and XT Capture Library 0.00007501 0.000016 0.00001 Water 23.8 3.2 92.258 12.3 Glycerol 0.000075 0.0001 0.0025 0.00031 SSEL XT HS and XT Luma All Exon V7 Plus 2,96 Reactions Automation 3.2 92.258 12.3 SSel XT						
(hydroxymethyl)propane- 1,3-diol hydrochloride Image: SureSelect RNase Block Image: SureSelect RNase Block Image: SureSelect RNase Block Image: SureSelect RNase Block Image: SureSelect RNase SureSelect Post- Capture Primer Mix Image: SureSelect XL Cow Input Index Bulk Set 2 Ad1-H12 Image: SureSelect XL Cow Input Index Bulk Set 2 Ad1-H12 Image: SureSelect XL Cow Input Index Bulk Set 2 Ad1-H12 Image: SureSelect XL Cow Input Index Sulk Set 2 Ad1-H12 I	water	23.8	3.2	92.258	12.3	
BlockImage: state of the state o	(hydroxymethyl)propane-	0.000027	0.0000036	0.000007501	0.000001	
International Sector International Sector International Sector International Sector Glycerol 0.000075 0.00001 0.0025 0.00033 SureSelect Post- Capture Primer Mix 23.8 3.2 92.258 12.3 2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride 0.000027 0.000036 0.00007501 0.000001 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 SureSelect XT Low Input Index Bulk Set 2 A01-H12 0.000027 0.000036 0.00007501 0.000001 water 23.8 3.2 92.258 12.3 SSEL XT HS and XT Cow Input Custom Capture Library 0.000075 0.00001 0.00025 0.00036 Glycerol 0.000075 0.00001 0.0025 0.00033 12.3 SSEL XT HS and XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation 23.8 3.2 92.258 12.3						
SureSelect Post- Capture Primer Mix23.83.292.25812.32-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride0.0000270.0000360.000075010.000001SureSelect XT Low Input Index Bulk Set 2 A01-H1223.83.292.25812.3water23.83.292.25812.3Sster XT Low (hydroxymethyl)propane- 1,3-diol hydrochloride0.0000270.0000360.000075010.00001Sster XT HS and XT Capture Library0.0000750.000010.000075010.000010.00001Ssel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation3.292.25812.312.3Sater XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation23.83.292.25812.3	water	23.8	3.2	92.258	12.3	
Capture Primer Mix23.83.292.25812.3water23.83.292.25812.32-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride0.0000270.0000360.000075010.000007SureSelect XT Low Input Index Bulk Set 2 A01-H1223.83.292.25812.3water23.83.292.25812.3SSEL XT HS and XT Low Input Custom Capture Library0.0000750.0000360.000075010.00001SSEL XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation3.292.25812.3SSel XT Low Input Human All Exon V723.83.292.25812.3Suter Select XT Low (hydroxymethyl)propane- (Glycerol	0.000075	0.00001	0.0025	0.00033	
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride0.0000270.0000360.000075010.000001SureSelect XT Low Input Index Bulk Set 2 A01-H1223.83.292.25812.3water23.83.20.000075010.0000012-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride0.0000270.00000360.000075010.000001SSEL XT HS and XT Low Input Custom Capture Library23.83.292.25812.3SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation0.00010.00010.00025Xater23.83.292.25812.3						
(hydroxymethyl)propane- 1,3-diol hydrochlorideImperfectionImperfectionImperfectionSureSelect XT Low Input Index Bulk Set 2 A01-H1223.83.292.25812.3water23.83.292.25812.32-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride0.0000270.0000360.000075010.000001SSEL XT HS and XT Low Input Custom Capture Library0.383.292.25812.3Glycerol0.0000750.000010.00250.00033SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation3.292.25812.3water23.83.292.25812.3	water	23.8	3.2	92.258	12.3	
Input Index Bulk Set 2 A01-H1223.83.292.25812.3water23.83.292.25812.32-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride0.0000270.0000360.00007501SSEL XT HS and XT Low Input Custom Capture Libraryaaa83.292.25812.3Glycerol0.00007500.000010.00250.00033SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation3.292.25812.3Water23.83.292.25812.3	(hydroxymethyl)propane-	0.000027	0.0000036	0.000007501	0.000001	
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride0.0000270.00000360.000075010.000001SSEL XT HS and XT Low Input Custom capture LibraryAAAAAWater23.83.292.25812.3Glycerol0.0000750.000010.00250.00033SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation3.292.25812.3Water23.83.292.25812.3	Input Index Bulk Set 2					
Initial ConstructionInitial ConstructionInitial Construction(hydroxymethyl)propane- 1,3-diol hydrochlorideInitial ConstructionInitial ConstructionSSEL XT HS and XT Low Input Custom Capture Library23.83.292.25812.3Water23.83.292.25812.3Glycerol0.0000750.000010.00250.00033SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation23.83.292.25812.3	water	23.8	3.2	92.258	12.3	
Low Input Custom Capture LibraryImage: Second seco	(hydroxymethyl)propane-	0.000027	0.0000036	0.000007501	0.000001	
Glycerol 0.000075 0.00001 0.0025 0.00033 SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation	Low Input Custom					
SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions AutomationImage: State of the state of th	water	23.8	3.2	92.258	12.3	
Human All Exon V7 Plus 2, 96 Reactions Automation23.83.292.25812.3	Glycerol	0.000075	0.00001	0.0025	0.00033	
	Human All Exon V7 Plus 2, 96 Reactions					
Glycerol 0.000075 0.00001 0.0025 0.00033	water	23.8	3.2	92.258	12.3	
	Glycerol	0.000075	0.00001	0.0025	0.00033	

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

	All Exon V7 Plus 2, 96 Reactions Automation	
Solubility	: End Repair-A Tailing	Easily soluble in the following materials: cold water
	Enzyme Mix End Repair-A Tailing Buffer	and hot water. Easily soluble in the following materials: cold water
	T4 DNA Ligase	and hot water. Easily soluble in the following materials: cold water
	Ligation Buffer	and hot water. Easily soluble in the following materials: cold water
	-	and hot water.
	Adaptor Oligo Mix	Easily soluble in the following materials: cold water and hot water.
	Forward Primer	Easily soluble in the following materials: cold water and hot water.
	100 mM dNTP Mix (25 mM	Easily soluble in the following materials: cold water
	each dNTP) Herculase II Fusion DNA	and hot water. Easily soluble in the following materials: cold water
	Polymerase 5X Herculase II Reaction	and hot water.
	Buffer	Easily soluble in the following materials: cold water and hot water.
	SureSelect Binding Buffer	Easily soluble in the following materials: cold water and hot water.
	SureSelect Wash Buffer 1	Easily soluble in the following materials: cold water and hot water.
	SureSelect Wash Buffer 2	Easily soluble in the following materials: cold water
	SureSelect XT HS and XT	and hot water. Easily soluble in the following materials: cold water
	Low Input Blocker Mix SureSelect Fast	and hot water.
	Hybridization Buffer	Easily soluble in the following materials: cold water 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
	Primer Mix SureSelect XT Low Input	and hot water. Easily soluble in the following materials: cold water
	Index Bulk Set 2 A01-H12 SSEL XT HS and XT Low	and hot water.
	Input Custom Capture Library	Easily soluble in the following materials: cold water y and hot water.
	SSel XT Low Input Human All Exon V7 Plus 2, 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	Not applicable.
Octanol/water	End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	Not applicable.
	Ligation Buffer	Not applicable.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer 100 mM dNTP Mix (25 mM	Not applicable. Not applicable.
	each dNTP)	Not applicable.
	Herculase II Fusion DNA Polymerase	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT	Not applicable.
Date of issue/Date of revision	: 04/19/2022 Date of previous is	ssue : 03/07/2022 Version : 4.1 55

	Low Input Blocker Mix SureSelect Fast	Not applicable		
	Hybridization Buffer			
		Not applicable		
	SureSelect Post-Capture N Primer Mix	Not applicable		
		Not applicable		
	SSEL XT HS and XT Low	Not applicable		
	Input Custom Capture Library	let envlieshie		
	SSel XT Low Input Human N All Exon V7 Plus 2, 96	Not applicable		
	Reactions Automation			
Auto-ignition temperature :	Ingredient name	°C	°F	Method
	End Repair-A Tailing Enzyme Mix			
	Glycerol	370	698	
	T4 DNA Ligase			
	-	070	000	
	Glycerol	370	698	
	Ligation Buffer			
	Polyethylene glycol	360	680	
	Glycerol	370	698	
	Adaptor Oligo Mix			
	Edetic acid	>400	>752	VDI 2263
	Forward Primer			
	Edetic acid	>400	>752	VDI 2263
	100 mM dNTP Mix (25 mM each dNTP)			
	Edetic acid	>400	>752	VDI 2263
	Herculase II Fusion DNA Polymerase			
	Glycerol	370	698	
	Edetic acid	>400	>752	VDI 2263
	SureSelect Binding Buffer			
	Edetic acid	>400	>752	VDI 2263
	SureSelect Wash Buffer 1			
	Sodium dodecyl sulphate	310.5	590.9	VDI 2263
	SureSelect Wash Buffer 2			
	Sodium dodecyl sulphate	310.5	590.9	VDI 2263
	SureSelect XT HS and XT Low			
Date of issue/Date of revision	: 04/19/2022 Date of previous issu	ie : 03/0	7/2022	Version : 4.1 56/80

Input Blocker Mix Eddeic acid >400 >752 VDI 2263 SureSelect RNase Block 370 698 4-(2-Hydroxyethyl/piperazin- 1-1/ethanesuphonic acid >400 >752 EU A 16 SureSelect Post-Capture Primer Mix >400 >752 VDI 2263 SureSelect XT Low Input Index Buk Set 2 A01-H12 >400 >752 VDI 2263 SSEL XT HS and XT Low Input Index Buk Set 2 A01-H12 >400 >752 VDI 2263 SSEL XT HS and XT Low Input Custom Capture Library 370 698 Glycerol 370 698 Eddelic acid >400 >752 VDI 2263 SSel XT Low Input Human All Excon V7 Plus 2, 96 Reactions Automation Glycerol 370 698 Eddelic acid >400 >752 VDI 2263 Decomposition temperature E Ind Repair-A Tailing Enzyme Mix Not available. Find Repair-A Tailing Buffer T4 DNA Ligase Not available. Find Repair-A Tailing Buffer T4 DNA Ligase Not available.	characteristics				
SureSelect RNase Block 370 698 Glycerol 370 698 4_2cH-lydroxyethylipperazin- 1-ylethanesulphonic add >400 >752 EU A.16 SureSelect Post-Capture Primer Max >400 >752 VDI 2263 SureSelect XT Low Input Index Bulk Set 2 A01-H12 >400 >752 VDI 2263 SURESELX T Is and XT Low Input Custom Capture Library 370 698 VDI 2263 SSELX T HS and XT Low Input Custom Capture Library 370 698 VDI 2263 SSELX T Low Input Human All Exon VT Plus 2, 96 Reactions Automation >752 VDI 2263 Glycerol 370 698 VDI 2263 Edelic adid >400 >752 VDI 2263 Decomposition temperature : Edelic Acid >400 >752 VDI 2263 El Al Low Input Human All Exon VT Plus 2, 96 Reactions Automation Not available. Stresselect Miss Buffer Not available. Stresselect Miss Buffer Not available. End Repair-A Tailing Buffer Not available. Not available. Stresselect Miss Buffer Not available. Stresselect Miss Buffer Not available. Hoft MM TP Mitk (25 mM) Not available. </th <th></th> <th>Input Blocker Mix</th> <th></th> <th></th> <th></th>		Input Blocker Mix			
Glyeerol 370 698 4-(2-Hydroxyethyl)piperazin- 1-yfethamesulphonia add >400 >752 EU A.16 SureSolect Post-Capture Primer Mix Edelic acid >400 >752 VDI 2263 SureSolect XT Low Input Index Buik Set 2 A01+H12 >400 >752 VDI 2263 SELE XT HS and XT Low Input Custom Capture Library 370 698 Glycerol 370 698 Edelic acid >400 >752 VDI 2263 SSEL XT HS and XT Low Input Custom Capture Library 370 698 Edelic acid >400 >752 VDI 2263 SSEL XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation 370 698 Edelic acid 3400 >752 VDI 2263 Edelic acid 3400 >752 VDI 2263 Edelic acid Not available. End Repair-A Tailing Unfer Not available. Edelic Acid Not available. Edelic Acid Not available. Edelic acid Not available. Edelic Acid Not available. <th></th> <th>Edetic acid</th> <th>>400</th> <th>>752</th> <th>VDI 2263</th>		Edetic acid	>400	>752	VDI 2263
 4-(2-Hydroxyethyl)piperazin- 1-ylethanesulphonic acid SursSelect Post-Capture Primer Mix Edetic acid 2400 >752 EU A.16 SursSelect XT Low Input Index Bulk Set 2 A01-H12 Edetic acid 2400 >752 VDI 2263 SSEL XT HS and XT Low Input Custom Capture Library Glycerol SSE SSEL XT HS and XT Low Input Custom Capture Library Glycerol SSE SSE SSE SSE SSE SSE SSE SSE SSE SSE		SureSelect RNase Block			
1-yiethänesiiphönic acid sursSelect Post-Capture Primer Mix - Edetic acid >400 >752 VDI 2263 SursSelect XT Low Input Indox Bulk Set 2 A01-H12 - - - Edetic acid >400 >752 VDI 2263 SSEL XT HS and XT Low Input Custom Capture Library 370 698 - Glycerol 370 698 - - SSEL XT Low Input Human All Exon Of YP Plus 2, 96 Reactions Automation Glycerol 370 698 - Edetic acid >400 >752 VDI 2263 Decomposition temperature End Repair-A Tailling End Repair-A Tailling Buffer Not available. - I gigton Buffer Not available. - - - Y DNA Cligane Not available. - - - End Repair-A Tailling Buffer Not available. - - - Y DNA Ulgase Not available. -		Glycerol	370	698	
Edetic acid >400 >752 VDI 2263 SureSelect XT Low Input Bulk Set 2 A01-H12 >400 >752 VDI 2263 Edetic acid >400 >752 VDI 2263 SSEL XT HS and XT Low Input Custom Capture Library 370 698 0 Glycerol 370 698 0 2752 VDI 2263 SSEI XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation Glycerol 370 698 0 2752 VDI 2263 Decomposition temperature : End Repair-A Tailing Buffer TA Tailing Buffer TA DNA Ligase Not available. Vot available. End Repair-A Tailing Buffer TA DNA Ligase Not available. Not available. Vot available. Ligation Buffer TOIG Oligo Mix Not available. Not available. Vot available. 100 mM dNTP Mix (25 mM Not available. Vot available. Vot available. 90/merase SureSelect Binding Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 Not available. Vot available. SureSelect Mash Buffer 1 Not available. Vot available. Vot available. Vot available. End Repair-A Tailing Buffer SureSelect Wash Buffer 1 Not available. Vot avail			>400	>752	EU A.16
SureSelect XT Low Input Index Buik Sot 2 A01-H12 >400 >752 VDI 2263 SEL XT HS and XT Low Input Custom Capture Library 370 698 Edetic acid >400 >752 VDI 2263 SSEL XT HS and XT Low Input Custom Capture Library 370 698 Edetic acid >400 >752 VDI 2263 SSel XT Low Input Human All Exon VP Plus 2, 96 Reactions Automation Glycerol 370 698 Edetic acid >400 >752 VDI 2263 Decomposition temperature I End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Not available. End Repair-A Tailing Outifier Not available. Not available. Ligation Buffer Not available. Not available. No 0 mM dNTP Mix (25 mM each dNTP) Not available. Herculase II Fusion DNA Polymerase Not available. Not available. SureSelect Binding Buffer SureSelect Binding Buffer SureSelect Binding Buffer SureSelect Binding Buffer Low anailable. Not available. SureSelect X THS and XT Low anailable. Not available. SureSelect Binding Buffer SureSelect Bi		SureSelect Post-Capture Primer Mix	(
Buik Set 2 A01-H12 >400 >752 VDI 2263 SEL XT HS and XT Low Input Custom Capture Library 370 698 Glycerol 370 598 VDI 2263 Sect XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation >752 VDI 2263 Glycerol 370 698 Edetic acid >400 >752 VDI 2263 Decomposition temperature End Repair-A Tailing Enzyme Mix Not available. End Repair-A Tailing Buffer T4 DNA Ligase Not available. Ligation Buffer Not available. 100 mM dNTP Mix (25 mM each dNTP) Not available. 100 mM dNTP Mix (25 mM each dNTP) Not available. Polymerase 5X Herculase II Reaction Buffer Not available. SureSelect Binding Buffer Not available. Not available. SureSelect Mash Buffer 1 Not available. SureSelect XT HS and XT Not available. SureSelect XT HS and XT Not available.		Edetic acid	>400	>752	VDI 2263
SSEL XT HS and XT Low Input Custom Capture Library 370 698 Giycerol 370 598 Edetic acid >400 >752 VDI 2263 SSEL XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation 370 698 Giycerol 370 698 VDI 2263 Decomposition temperature End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer Not available. VDI 2263 T4 DNA Ligase Not available. Not available. VDI 2263 Ligation Buffer Not available. Not available. 100 mM dNTP Mix (25 mM Not available. Not available. VDI 2263 Herculase II Fusion DNA Polymerase Not available. Not available. SureSelect Binding Buffer Not available. SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 Not available. SureSelect Wash Buffer 2 SureSelect TA S and XT Not available. SureSelect Fast Not available. SureSelect Fast Not available. Not available. VDI vanilable.					
Custom Capture Library 370 698 Glycerol 370 698 Edetic acid >400 >752 VDI 2263 SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation 370 698		Edetic acid	>400	>752	VDI 2263
Edetic acid >400 >752 VDI 2263 SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation 370 698 Glycerol 370 >752 VDI 2263 Edetic acid >400 >752 VDI 2263 Decomposition temperature : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer Not available. T4 DNA Ligase Not available. . . Ligation Buffer Not available. . Adaptor Oligo Mix Not available. . 100 mM dNTP Mix (25 mM each dNTP) Not available. . Herculase II Fusion DNA Polymerase Not available. . SureSelect Binding Buffer SureSelect Wash Buffer 1 Not available. . SureSelect Wash Buffer 2 Not available. . . SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Not available. . . SureSelect Fast Not available. . . . SureSelect Fast Not available. . . .					
SSel XT Low Input Human All Exon VT Plus 2, 96 Reactions Automation 370 698 Glycerol 370 5752 VDI 2263 Decomposition temperature : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Not available. Ligation Buffer Not available. Not available. Adaptor Oligo Mix Not available. Forward Primer Not available. 100 mM dNTP Mix (25 mM Not available. Polymerase StureSelect Binding Buffer SureSelect Wash Buffer Not available. SureSelect XT HS and XT Low Input Blocker Mix Not available. SureSelect XT HS and XT Low Input Blocker Mix Not available. SureSelect XT HS and XT Low Input Blocker Mix Not available. SureSelect Tast Hybridization Buffer Not available.		Glycerol	370	698	
V7 Plus 2, 96 Reactions Automation Glycerol 370 698 Edetic acid >400 >752 VDI 2263 Decomposition temperature : End Repair-A Tailing Enzyme Mix Not available. End Repair-A Tailing Buffer T4 DNA Ligase Not available. Not available. Ligation Buffer Not available. Not available. Forward Primer Not available. Not available. 100 mM dNTP Mix (25 mM each dNTP) Not available. Not available. Polymerase 5X Herculase II Fusion DNA Polymerase Not available. SureSelect Binding Buffer SureSelect Wash Buffer 1 Not available. SureSelect X and Buffer 2 Not available. SureSelect X and Buffer 2 Not available. SureSelect Tast Hybridization Buffer Not available.		Edetic acid	>400	>752	VDI 2263
Decomposition temperature : End Repair-A Tailing Enzyme Mix Not available. End Repair-A Tailing Buffer Not available. Not available. T4 DNA Ligase Not available. Not available. Ligation Buffer Not available. Not available. T00 mM dNTP Mix (25 mM Not available. Not available. 100 mM dNTP Mix (25 mM Not available. Not available. 100 mM dNTP Mix (25 mM Not available. Not available. Polymerase SX Herculase II Fusion DNA Not available. Buffer SureSelect Binding Buffer Not available. SureSelect Wash Buffer 1 Not available. SureSelect Wash Buffer 2 SureSelect XT HS and XT Not available. SureSelect Fast Low Input Blocker Mix SureSelect Fast Not available.					
Decomposition temperature : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Not available. Ligation Buffer Not available. Not available. Ligation Buffer Not available. Adaptor Oligo Mix Not available. Forward Primer Not available. 100 mM dNTP Mix (25 mM each dNTP) Not available. Herculase II Fusion DNA Not available. Polymerase 5X Herculase II Reaction Not available. SureSelect Binding Buffer Not available. SureSelect Wash Buffer 1 SureSelect XT HS and XT Not available. SureSelect XT HS and XT Not available. SureSelect Fast Not available. SureSelect Fast Not available. Not available.		Glycerol	370	698	
Decomposition temperature : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Not available. Ligation Buffer Not available. Not available. Ligation Buffer Not available. Adaptor Oligo Mix Not available. Forward Primer Not available. 100 mM dNTP Mix (25 mM each dNTP) Not available. Herculase II Fusion DNA Not available. Polymerase 5X Herculase II Reaction Not available. SureSelect Binding Buffer Not available. SureSelect Wash Buffer 1 SureSelect XT HS and XT Not available. SureSelect XT HS and XT Not available. SureSelect Fast Not available. SureSelect Fast Not available. Not available.		Edetic acid	>400	>752	VDI 2263
Enzyme MixEnd Repair-A Tailing BufferNot available.T4 DNA LigaseNot available.Ligation BufferNot available.Ligation BufferNot available.Adaptor Oligo MixNot available.Adaptor Oligo MixNot available.Forward PrimerNot available.100 mM dNTP Mix (25 mMNot available.each dNTP)Herculase II Fusion DNAHerculase II Fusion DNANot available.Polymerase5X Herculase II ReactionSureSelect Binding BufferNot available.SureSelect Wash Buffer 1Not available.SureSelect XT HS and XTNot available.Low Input Blocker MixSureSelect FastSureSelect FastNot available.	Decomposition temperature			ļ	
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 Wash Buffer 2 Not available. SureSelect XT HS and XT Not available. Low Input Blocker Mix SureSelect Fast Not available. Hybridization Buffer	Decomposition temperature .	Enzyme Mix End Repair-A Tailing Buffer	Not available.		
Adaptor Oligo MixNot available.Forward PrimerNot available.100 mM dNTP Mix (25 mMNot available.each dNTP)each dNTP)Herculase II Fusion DNANot available.Polymerase5X Herculase II ReactionSureSelect Binding BufferNot available.SureSelect Wash Buffer 1Not available.SureSelect XT HS and XTNot available.SureSelect FastNot available.SureSelect FastNot available.Hybridization BufferNot available.					
Forward PrimerNot available.100 mM dNTP Mix (25 mMNot available.each dNTP)Herculase II Fusion DNANot available.Polymerase5X Herculase II ReactionNot available.SureSelect Binding BufferNot available.SureSelect Wash Buffer 1Not available.SureSelect Wash Buffer 2Not available.SureSelect XT HS and XTNot available.Low Input Blocker MixSureSelect FastNot available.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 SureSelect Fast Not available. Hybridization Buffer					
Polymerase5X Herculase II ReactionNot available.BufferSureSelect Binding BufferNot available.SureSelect Wash Buffer 1Not available.SureSelect Wash Buffer 2Not available.SureSelect XT HS and XTNot available.Low Input Blocker MixSureSelect FastSureSelect FastNot available.Hybridization BufferNot available.			Not available.		
BufferSureSelect Binding BufferNot available.SureSelect Wash Buffer 1Not available.SureSelect Wash Buffer 2Not available.SureSelect XT HS and XTNot available.Low Input Blocker MixSureSelect FastSureSelect FastNot available.Hybridization BufferSureSelect			Not available.		
SureSelect Wash Buffer 1Not available.SureSelect Wash Buffer 2Not available.SureSelect XT HS and XTNot available.Low Input Blocker MixSureSelect FastSureSelect FastNot available.Hybridization BufferNot available.			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 XT HS and XT Not available. Low Input Blocker Mix SureSelect Fast Not available. Hybridization Buffer					
Low Input Blocker Mix SureSelect Fast Not available. Hybridization Buffer					
SureSelect Fast Not available. Hybridization Buffer			NOT available.		
		SureSelect Fast	Not available.		
			Not available.		
SureSelect Post-Capture Not available. Primer Mix			Not available.		
SureSelect XT Low Input Not available. Index Bulk Set 2 A01-H12			Not available.		
SSEL XT HS and XT Low Not available.			Vot available.		
Input Custom Capture Library SSel XT Low Input Human Not available. All Exon V7 Plus 2, 96		SSel XT Low Input Human N	Not available.		
	Date of issue/Date of revision		re : 03/0	7/2022	Version : 4.1 57/80

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

Section 9. Physical and chemical properties and safety characteristics

SSEL XT HS and XT Low Not applicable. Input Custom Capture Library SSel XT Low Input Human Not applicable. All Exon V7 Plus 2, 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
	5	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
	SureSelect Week Buffer 2	this product or its ingredients.
	SureSelect Wash Buffer 2	No specific test data related to reactivity available for
	SureSelect XT HS and XT	this product or its ingredients. 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	this product or its ingredients.
	SureSelect RNase Block	No specific test data related to reactivity available for
		this product or its ingredients.
	SureSelect Post-Capture	No specific test data related to reactivity available for
	Primer Mix	this product or its ingredients.
	SureSelect XT 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
	Input Custom Capture Library	
	SSel XT Low Input Human	No specific test data related to reactivity available for
	All Exon V7 Plus 2, 96	this product or its ingredients.
	Reactions Automation	
Chemical stability	: End Repair-A Tailing	The product is stable.
Chemical Stability	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	The product is stable.
	Polymerase	•
Date of issue/Date of revision	·	2010 + 02/07/2022 Version + 4.4 = 50/2/
	: 04/19/2022 Date of previous is	ssue : 03/07/2022 Version : 4.1 59/80

Oection 10. Otability	and reactivity	
	5X Herculase II Reaction Buffer	The product is stable.
	SureSelect Binding Buffer	The product is stable.
	SureSelect Wash Buffer 1	The product is stable.
	SureSelect Wash Buffer 2	The product is stable.
	SureSelect XT HS and XT Low Input Blocker Mix	The product is stable.
	SureSelect Fast Hybridization Buffer	The product is stable.
	SureSelect RNase Block SureSelect Post-Capture	The product is stable. The product is stable.
	Primer Mix SureSelect XT Low Input	The product is stable.
	Index Bulk Set 2 A01-H12 SSEL XT HS and XT Low	The product is stable.
	Input Custom Capture Library	
	SSel XT Low Input Human	The product may not be stable under certain
	All Exon V7 Plus 2, 96 Reactions Automation	conditions of storage or use. See "Possibility of Hazardous Reactions" for further information.
	End Repair-A Tailing	Under normal conditions of storage and use,
reactions	Enzyme Mix End Repair-A Tailing Buffer	hazardous reactions will not occur. Under normal conditions of storage and use,
	TI DNA L	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 each dNTP)	Under normal conditions of storage and use, hazardous reactions will not occur.
	Herculase II Fusion DNA	Under normal conditions of storage and use,
	Polymerase	hazardous reactions will not occur.
	5X Herculase II Reaction	Under normal conditions of storage and use,
	Buffer	hazardous reactions will not occur.
	SureSelect Binding Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect Wash Buffer 1	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect Wash Buffer 2	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect XT HS and XT	Under normal conditions of storage and use,
	Low Input Blocker Mix	hazardous reactions will not occur.
	SureSelect Fast	Under normal conditions of storage and use,
	Hybridization Buffer	hazardous reactions will not occur.
	SureSelect RNase Block	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect Post-Capture	Under normal conditions of storage and use,
	Primer Mix	hazardous reactions will not occur.
	SureSelect XT Low Input	Under normal conditions of storage and use,
	Index Bulk Set 2 A01-H12	hazardous reactions will not occur.
	SSEL XT HS and XT Low	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SSel XT Low Input Human	Under normal conditions of storage and use,
	All Exon V7 Plus 2, 96 Reactions Automation	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	
	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 Plus 2, 96 Reactions Automation	No specific data.
Incompatible materials	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase	May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials.
	Ligation Buffer	May react or be incompatible with oxidizing materials.
	Adaptor Oligo Mix	May react or be incompatible with oxidizing materials.
	Forward Primer	May react or be incompatible with oxidizing materials.
	100 mM dNTP Mix (25 mM each dNTP)	May react or be incompatible with oxidizing materials.
	Herculase II Fusion DNA Polymerase	May react or be incompatible with oxidizing materials.
	5X Herculase II Reaction Buffer	May react or be incompatible with oxidizing materials.
	SureSelect Binding Buffer	May react or be incompatible with oxidizing materials.
	SureSelect Wash Buffer 1	May react or be incompatible with oxidizing materials.
	SureSelect Wash Buffer 2	May react or be incompatible with oxidizing materials.
	SureSelect XT HS and XT	May react or be incompatible with oxidizing materials.
	Low Input Blocker Mix	, , , , , , , , , , , , , , , , , , , ,
	SureSelect Fast Hybridization Buffer	May react or be incompatible with oxidizing materials.
	SureSelect RNase Block	May react or be incompatible with oxidizing materials.
	SureSelect Post-Capture Primer Mix	May react or be incompatible with oxidizing materials.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	May react or be incompatible with oxidizing materials.
	SSEL XT HS and XT Low Input Custom Capture Library	May react or be incompatible with oxidizing materials.
	SSel XT Low Input Human All Exon V7 Plus 2, 96	May react or be incompatible with oxidizing materials.

Hazardous decomposition products	: End Repair-A Tailing Enzyme Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	End Repair-A Tailing Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be 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,
	SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
End Repair-A Tailing Enzyme Mix Glycerol	LD50 Oral	Rat	12600 mg/kg	-
End Repair-A Tailing Buffer Potassium chloride	LD50 Oral	Rat	2600 mg/kg	-
T4 DNA Ligase Glycerol	LD50 Oral	Rat	12600 mg/kg	-
Ligation Buffer Glycerol	LD50 Oral	Rat	12600 mg/kg	-
Herculase II Fusion DNA Polymerase Glycerol	LD50 Oral	Rat	12600 mg/kg	-
5X Herculase II Reaction Buffer Trometamol Ammonium sulphate Hexadecan-1-ol, ethoxylated	LD50 Dermal LD50 Oral LD50 Oral	Rat Rat Rat	>5000 mg/kg 2840 mg/kg 2500 mg/kg	- - -
SureSelect Binding Buffer Sodium chloride	LD50 Oral	Rat	3000 mg/kg	-
SureSelect Wash Buffer 1 Sodium dodecyl sulphate	LD50 Oral	Rat	1288 mg/kg	-
SureSelect Wash Buffer 2 Sodium dodecyl sulphate	LD50 Oral	Rat	1288 mg/kg	-
SureSelect RNase Block Glycerol	LD50 Oral	Rat	12600 mg/kg	-
SSEL XT HS and XT Low Input Custom Capture Library Glycerol	LD50 Oral	Rat	12600 mg/kg	-

Irritation/Corrosion

Result	Species	Score	Exposure	Observation
Eyes - Mild irritant	Rabbit	-	24 hours 500	-
Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Eyes - Mild irritant Skin - Mild irritant	Eyes - Mild irritant Rabbit Skin - Mild irritant Rabbit	Eyes - Mild irritant Rabbit - Skin - Mild irritant Rabbit -	Eyes - Mild irritantRabbit-24 hours 500Skin - Mild irritantRabbit-24 hours 500Eyes - Mild irritantRabbit-24 hours 500

Section 11. Toxicological information

			-	-	
T4 DNA Ligase Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
	Skin - Mild irritant	Rabbit	_	mg 24 hours 500	_
		Rubbit		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 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
Herculase II Fusion DNA					
Polymerase					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
5X Herculase II Reaction Buffer					
Trometamol	Skin - Moderate irritant	Rabbit	-	25 %	-
	Skin - Severe irritant	Rabbit	-	500 mg	-
SureSelect Binding Buffer					
Sodium chloride	Eyes - Moderate irritant	Rabbit	-	24 hours 100 mg	-
	Eyes - Moderate irritant	Rabbit	-	10 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
SureSelect Wash Buffer 1					
Sodium dodecyl sulphate	Eyes - Mild irritant	Rabbit	-	250 ug	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 100 mg	-
	Eyes - Moderate irritant	Rabbit	-	10 mg	-
	Skin - Mild irritant	Guinea pig	-	24 hours 25	-
	Skin - Moderate irritant	Mouse	-	mg 24 hours 25	-
	Skin - Mild irritant	Rabbit	-	mg 24 hours 50	-
	Skin - Moderate irritant	Rabbit	-	mg 24 hours 25 mg	-
SureSelect Wash Buffer 2	Even Mild irritent	Dahhit		250	
Sodium dodecyl sulphate	Eyes - Mild irritant Eyes - Moderate irritant	Rabbit Rabbit	-	250 ug 24 hours 100	-
	Eyes - Moderate irritant	Rabbit		mg 10 mg	
	Skin - Mild irritant	Guinea pig	-	24 hours 25	-
	Skin - Moderate irritant	Mouse	-	mg 24 hours 25	-
Date of issue/Date of revision	: 04/19/2022 Date of prev	rious issue	:03/07/2022	Vers	ion : 4.1 64/80

Section 11. Toxicological information

	Skin - Mild irritant	Rabbit	-	mg 24 hours 50	-
	Skin - Moderate irritant	Rabbit	-	mg 24 hours 25 mg	-
SureSelect RNase Block					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
	Skin - Mild irritant	Rabbit	-	mg 24 hours 500 mg	-
SSEL XT HS and XT Low Input Custom Capture Library					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
	Skin - Mild irritant	Rabbit	-	mg 24 hours 500 mg	-

Sensitization

Not available.

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

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

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

	ogioar information	
-	End Repair-A Tailing Enzyme Mix	Routes of entry anticipated: Oral, Dermal, Inhalation.
routes of exposure	End Repair-A Tailing Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
	T4 DNA Ligase	Routes of entry anticipated. Oral, Dermal, Inhalation. Routes of entry anticipated: Oral, Dermal, Inhalation.
	Ligation Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase II Fusion DNA Polymerase	Routes of entry anticipated: Oral, Dermal, Inhalation.
	5X Herculase II Reaction Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT	Not available.
	Low Input Blocker Mix	Poutos of antry antiginated: Oral Dormal Inholation
	SureSelect Fast Hybridization Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
	SureSelect RNase Block SureSelect Post-Capture Primer Mix	Routes of entry anticipated: Oral, Dermal, Inhalation. Not available.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	Not available.
	SSEL XT HS and XT Low Input Custom Capture Library	Not available.
	SSel XT Low Input Human All Exon V7 Plus 2, 96	Not available.
	Reactions Automation	
Potential acute health effects		
	End Repair-A Tailing	Causes eye irritation.
	Enzyme Mix	
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	Causes eye irritation.
	Ligation Buffer	Causes eye irritation.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	Causes eye irritation.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block	Causes eye irritation.
	SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards.
	SureSelect XT 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.

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

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

Eye contact	: End Repair-A Tailing Enzyme Mix	Adverse symptoms may include the following:
		irritation
		watering redness
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	Adverse symptoms may include the following: irritation
		watering
		redness
	Ligation Buffer	Adverse symptoms may include the following: irritation
		watering
	Adapter Oliga Mix	redness
	Adaptor Oligo Mix Forward Primer	No specific data.
		No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Herculase II Fusion DNA Polymerase	Adverse symptoms may include the following:
	-	irritation
		watering
		redness
	5X Herculase II Reaction Buffer	No specific data.
Date of issue/Date of revision	: 04/19/2022 Date of previous	issue : 03/07/2022 Version : 4.1

68/80

	gioa momatori	
	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	I
	SureSelect RNase Block	Adverse symptoms may include the following:
		irritation
		watering
		redness
	SureSelect Post-Capture	No specific data.
	Primer Mix	
	SureSelect XT Low Input	No specific data
	•	No specific data.
	Index Bulk Set 2 A01-H12	Ne enerifie dete
	SSEL XT HS and XT Low	No specific data.
	Input Custom Capture Library	
	SSel XT Low Input Human	No specific data.
	All Exon V7 Plus 2, 96	
	Reactions Automation	
Inhalation :	End Repair-A Tailing	No specific data.
	Enzyme Mix	
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM	No specific data.
	each dNTP)	
	Herculase II Fusion DNA	No specific data.
	Polymerase	Ne an aifi a data
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT	No specific data.
	Low Input Blocker Mix	
	SureSelect Fast	No specific data.
	Hybridization Buffer	
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture	No specific data.
	Primer Mix	
	SureSelect XT Low Input	No specific data.
	Index Bulk Set 2 A01-H12	
	SSEL XT HS and XT Low	No specific data.
	Input Custom Capture Library	•
	SSel XT Low Input Human	No specific data.
	All Exon V7 Plus 2, 96	
	Reactions Automation	
Skin contact :	End Repair-A Tailing	No specific data.
can contact .	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)	

	giou mornation	
	Herculase II Fusion DNA Polymerase	No specific data.
	5X Herculase II Reaction	No specific data.
	Buffer	
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT	No specific data.
	Low Input Blocker Mix	
	SureSelect Fast	No specific data.
	Hybridization Buffer	
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture	No specific data.
	Primer Mix	
	SureSelect XT Low Input	No specific data.
	Index Bulk Set 2 A01-H12	
	SSEL XT HS and XT Low	No specific data.
	Input Custom Capture Library	
	SSel XT Low Input Human	No specific data.
	All Exon V7 Plus 2, 96	
Ingestion :	Enartiepsi Automitign	No specific data.
	Enzyme Mix	···· · · · · · · · · · · · · · · · · ·
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM	No specific data.
	each dNTP)	
	Herculase II Fusion DNA	No specific data.
	Polymerase	
	5X Herculase II Reaction	No specific data.
	Buffer	
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT	No specific data.
	Low Input Blocker Mix	
	SureSelect Fast	No specific data.
	Hybridization Buffer	
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture	No specific data.
	Primer Mix	NI 101 I 4
	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	Ne energific dete
	SSel XT Low Input Human	No specific data.
	All Exon V7 Plus 2, 96	
	Reactions Automation	

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

Date of issue/Date of revision

Potential immediate effects	: Not available.	
Potential delayed effects	: Not available.	
Potential chronic health effe	<u>cts</u>	
General	: End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture Primer Mix	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	
	SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation	No known significant effects or critical hazards.
Carcinogenicity	: End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	No known significant effects or critical hazards.
Date of issue/Date of revision	: 04/10/2022 Date of provious is	sue :03/07/2022 Version :4.1

	- <u>g</u>	
	SSEL XT HS and XT Low Input Custom Capture Library	No known significant effects or critical hazards.
	SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation	No known significant effects or critical hazards.
Mutagenicity :	End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards.
	SureSelect XT Low Input Index Bulk Set 2 A01-H12	No known significant effects or critical hazards.
	SSEL XT HS and XT Low Input Custom Capture Library	No known significant effects or critical hazards.
	SSel XT Low Input Human All Exon V7 Plus 2, 96 Reactions Automation	No known significant effects or critical hazards.
Reproductive toxicity :	End Repair-A Tailing	No known significant effects or critical hazards.
	Enzyme Mix End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM	No known significant effects or critical hazards.
	each dNTP) Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards.
	SureSelect XT Low Input	No known significant effects or critical hazards.

Section 11. Toxicological information

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

Numerical measures of toxicity

Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
End Repair-A Tailing Enzyme Mix	40000			N1/A	
Glycerol	12600	N/A	N/A	N/A	N/A
End Repair-A Tailing Buffer					
End Repair-A Tailing Buffer	159509.2	N/A	N/A	N/A	N/A
Potassium chloride	2600	N/A	N/A	N/A	N/A
T4 DNA Ligase					
Glycerol	12600	N/A	N/A	N/A	N/A
Ligation Buffer					
Polyethylene glycol	28000	N/A	N/A	N/A	N/A
Glycerol	12600	N/A	N/A	N/A	N/A
Herculase II Fusion DNA Polymerase					
Glycerol	12600	N/A	N/A	N/A	N/A
5X Herculase II Reaction Buffer					
5X Herculase II Reaction Buffer	107739	N/A	N/A	N/A	N/A
Ammonium sulphate	2840	N/A	N/A	N/A	N/A
Hexadecan-1-ol, ethoxylated	2500	N/A	N/A	N/A	N/A
SureSelect Binding Buffer					
SureSelect Binding Buffer	51369.9	N/A	N/A	N/A	N/A
Sodium chloride	3000	N/A	N/A	N/A	N/A
SureSelect Wash Buffer 1					
Sodium dodecyl sulphate	1288	N/A	N/A	N/A	1.5
SureSelect Wash Buffer 2					
Sodium dodecyl sulphate	1288	N/A	N/A	N/A	1.5
SureSelect RNase Block					
Glycerol	12600	N/A	N/A	N/A	N/A
SSEL XT HS and XT Low Input Custom Capture					
Library					
Glycerol	12600	N/A	N/A	N/A	N/A

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

Section 12. Ecological information

Т	oxi	ici	ty

Product/ingredient name	Result	Species	Exposure
End Repair-A Tailing			
Enzyme Mix			
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
End Repair-A Tailing Buffe	-		
Potassium chloride	Acute EC50 1337000 µg/l Fresh water	Algae - Navicula seminulum	96 hours
	Acute EC50 9.24 g/L Fresh water	Algae - Desmodesmus subspicatus	72 hours
	Acute EC50 83000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 9.68 mg/l Fresh water	Crustaceans - Pseudosida ramosa - Neonate	48 hours
	Acute LC50 509.65 mg/l Fresh water	Fish - Danio rerio	96 hours
T4 DNA Ligase			
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
Ligation Buffer			
Polyethylene glycol	Acute LC50 >1000000 µg/l Fresh water	Fish - Salmo salar - Parr	96 hours
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
Herculase II Fusion DNA Polymerase			
Date of issue/Date of revision	: 04/19/2022 Date of previous issue	: 03/07/2022 Version	:4.1 74

Section 12. Ecolo	gical information		
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
5X Herculase II Reaction Buffer			
Trometamol	Acute EC50 >980 mg/l Fresh water	Daphnia	48 hours
Ammonium sulphate	Acute NOEC 520 mg/l Fresh water Chronic NOEC 7.5 mg/l Marine water	Daphnia Algae - Phaeodactylum tricornutum - Exponential growth phase	48 hours 96 hours
Hexadecan-1-ol, ethoxylated	Acute LC50 330000 to 1000000 µg/l Marine water	Crustaceans - Crangon crangon - Adult	48 hours
SureSelect Binding Buffer			
Sodium chloride	Acute EC50 2430000 μg/l Fresh water Acute EC50 519.6 mg/l Fresh water	Algae - Navicula seminulum Crustaceans - Cypris subglobosa	96 hours 48 hours
	Acute EC50 402.6 mg/l Fresh water Acute IC50 6.87 g/L Fresh water Acute LC50 1000000 µg/l Fresh water Chronic LC10 781 mg/l Fresh water	Daphnia - Daphnia magna Aquatic plants - Lemna minor Fish - Morone saxatilis - Larvae Crustaceans - Hyalella azteca - Juvenile (Fledgling, Hatchling,	48 hours 96 hours 96 hours 3 weeks
	Chronic NOEC 6 g/L Fresh water Chronic NOEC 0.314 g/L Fresh water Chronic NOEC 100 mg/l Fresh water	Weanling) Aquatic plants - Lemna minor Daphnia - Daphnia pulex Fish - Gambusia holbrooki - Adult	96 hours 21 days 8 weeks
SureSelect Wash Buffer 1			
Sodium dodecyl sulphate	Acute EC50 1200 μg/l Marine water Acute LC50 900 μg/l Marine water	Algae - Skeletonema costatum Crustaceans - Artemia salina - Adult	96 hours 48 hours
	Acute LC50 1400 μg/l Fresh water	Daphnia - Daphnia pulex - Neonate	48 hours
	Acute LC50 590 µg/l Fresh water Chronic NOEC 1.25 mg/l Marine water Chronic NOEC 1 mg/l Fresh water	Fish - Cirrhinus mrigala - Larvae Algae - Ulva fasciata - Zoea Crustaceans - Pseudosida ramosa - Neonate	96 hours 96 hours 21 days
	Chronic NOEC 3.2 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	21 days
	Chronic NOEC >1357 µg/l Fresh water	Fish - Pimephales promelas	42 days
SureSelect Wash Buffer 2 Sodium dodecyl sulphate	Acute EC50 1200 μg/l Marine water Acute LC50 900 μg/l Marine water	Algae - Skeletonema costatum Crustaceans - Artemia salina - Adult	96 hours 48 hours
	Acute LC50 1400 μg/l Fresh water	Daphnia - Daphnia pulex - Neonate	48 hours
	Acute LC50 590 µg/l Fresh water Chronic NOEC 1.25 mg/l Marine water Chronic NOEC 1 mg/l Fresh water	Fish - Cirrhinus mrigala - Larvae Algae - Ulva fasciata - Zoea Crustaceans - Pseudosida ramosa - Neonate	96 hours 96 hours 21 days
	Chronic NOEC 3.2 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	21 days
	Chronic NOEC >1357 µg/l Fresh water	Fish - Pimephales promelas	42 days
SureSelect RNase Block Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
SSEL XT HS and XT Low Input Custom Capture			
Date of issue/Date of revision	: 04/19/2022 Date of previous issue	: 03/07/2022 Version	:4.1 75/80

Library			
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours

Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
End Repair-A Tailing Enzyme Mix Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
T4 DNA Ligase Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
Ligation Buffer Polyethylene glycol	OECD 301D Ready Biodegradability - Closed Bottle	74.85 % - Readily - 28 days	4 mg/l	-
Glycerol	Test 301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
Herculase II Fusion DNA Polymerase Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
5X Herculase II Reaction Buffer Trometamol	OECD 301F Ready Biodegradability - Manometric Respirometry Test	97.1 % - Readily - 28 days	30 mg/l	-
SureSelect Wash Buffer 1 Sodium dodecyl sulphate	OECD 301B Ready Biodegradability - CO ₂ Evolution Test	95 % - Readily - 28 days	20 mg/l	Activated sludge
SureSelect Wash Buffer 2 Sodium dodecyl sulphate	OECD 301B Ready Biodegradability - CO ₂ Evolution Test	95 % - Readily - 28 days	20 mg/l	Activated sludge
Date of issue/Date of revision	:04/19/2022	ate of previous issue : 03/07	/2022	ersion : 4.1 76/80

Section 12. Ecological information

Section 12. Ecolog	gical inform				
SureSelect RNase Block Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days		-	-
SSEL XT HS and XT Low Input Custom Capture Library Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days		-	-
Product/ingredient name	Aquatic half-life		Photolysis	5	Biodegradability
End Repair-A Tailing Buffer Potassium chloride	-		-		Readily
Ligation Buffer Polyethylene glycol	-		-		Readily
5X Herculase II Reaction Buffer					
Trometamol Ammonium sulphate Hexadecan-1-ol, ethoxylated	- -		- - -		Readily Readily Readily
SureSelect Wash Buffer 1 Sodium dodecyl sulphate	-		-		Readily
SureSelect Wash Buffer 2 Sodium dodecyl sulphate	-		-		Readily

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
End Repair-A Tailing Enzyme Mix Glycerol	-1.76	-	low
End Repair-A Tailing Buffer Potassium chloride	-0.46	-	low
T4 DNA Ligase Glycerol	-1.76	-	low
Ligation Buffer Polyethylene glycol Glycerol	- -1.76	3.2 -	low low
Herculase II Fusion DNA Polymerase Glycerol	-1.76	-	low
5X Herculase II Reaction Buffer			
Trometamol Ammonium sulphate	-2.31 -5.1	- -	low low
Date of issue/Date of revision	: 04/19/2022 Date of previou	s issue : 03/07/2022	Version : 4.1 77/80

Section 12. Ecological information

Section 12. Ecological information			
SureSelect Wash Buffer 1 Sodium dodecyl sulphate	-2.03	-	low
SureSelect Wash Buffer 2 Sodium dodecyl sulphate	-2.03	-	low
SureSelect RNase Block Glycerol	-1.76	-	low
SSEL XT HS and XT Low Input Custom Capture Library			
Glycerol	-1.76	-	low

Mobility in soil

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

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

Section 13. Disposal considerations

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

Section 14. Transport information

TDG / IMDG / IATA : Not regulated.

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

Transport in bulk according : Not available. to IMO instruments

Section 15. Regulatory information

Canadian lists

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

International regulations

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

Date of issue/Date of revision

Section 15. Regulatory information

Montreal	Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

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

Section 16. Other information

<u>History</u>	
Date of issue/Date of revision	: 04/19/2022
Date of previous issue	: 03/07/2022
Version	: 4.1
Key to abbreviations	 ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals HPR = Hazardous Products Regulations IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available UN = United Nations

Procedure used to derive the classification

Section 16. Other information

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

References

: Not available.

Indicates information that has changed from previously issued version.

Notice to reader

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

Note *

*SureSelect XT Low Input Index Bulk Set 2 A01-H12: 5190-3901, 5190-3902, 5190-3903, 5190-3904, 5190-3905, 5190-3906, 5190-3907, 5190-3908, 5190-3909, 5190-3910, 5190-3911, 5190-3912, 5190-3913, 5190-3914, 5190-3915, 5190-3916, 5190-3917, 5190-3918, 5190-3919, 5190-3920, 5190-3921, 5190-3922, 5190-3923, 5190-3924, 5190-3925, 5190-3926, 5190-3927, 5190-3928, 5190-3929, 5190-3930, 5190-3931, 5190-3932, 5190-3933, 5190-3934, 5190-3935, 5190-3936, 5190-3937, 5190-3938, 5190-3939, 5190-3940, 5190-3941, 5190-3942, 5190-3943, 5190-3944, 5190-3945, 5190-3946, 5190-3947, 5190-3948, 5190-3949, 5190-3950, 5190-3951, 5190-3955, 5190-3955, 5190-3956, 5190-3957, 5190-3958, 5190-3959, 5190-3960, 5190-3962, 5190-3963, 5190-3964, 5190-3952, 5190-3966, 5190-3966, 5190-3966, 5190-3967, 5190-3968, 5190-3969, 5190-3970, 5190-3971, 5190-3972, 5190-3973, 5190-3974, 5190-3976, 5190-3976, 5190-3977, 5190-3978, 5190-3979, 5190-3980, 5190-3981, 5190-3982, 5190-3984, 5190-3985, 5190-3986, 5190-3984, 5190-3985, 5190-3986, 5190-3984, 5190-3985, 5190-3986