

# SAFETY DATA SHEET



SureSelect<sup>XT</sup> RNA Direct 16 rxns, Part Number G7564A

## SECTION 1: Identification of the substance/mixture and of the company/ undertaking

### 1.1 Product identifier

<b>Product name</b>	: SureSelect <sup>XT</sup> RNA Direct 16 rxns, Part Number G7564A
<b>Part No. (Kit)</b>	: G7564A
<b>Part No.</b>	: <b>SURESELECT RNA Seq Library 5500-0134</b>
	<b>Prep Kit, 16 Rxn</b>
	RNA Seq Fragmentation Mix 5190-6366
	SureSelect Ligation Master Mix 5190-3802
	RNA Seq Second-strand + End-Repair Enzyme Mix 5190-7762
	RNA Seq dA Tailing Master Mix 5190-6369
	RNA Seq PCR Master Mix 5190-6371
	RNA Seq First Strand Master Mix 5190-6367
	Uracil DNA Glycosylase (UDG) 5190-6372
	SureSelect Oligo Adaptor Mix 5190-6370
	SureSelect Primer 8bp Indexes A01-H02 5190-3620 Various*
	RNA Seq ILM Reverse PCR Primer 5190-6373
	RNA Seq ILM Post-capture PCR Primer 5190-6374
	RNA Seq Second-strand + End-Repair Oligo Mix 5190-7763
	<b>SureSelect Target Enrichment Box2, 16RXN 5190-6261</b>
	SureSelect RNase Block 5190-4383
	SureSelect Indexing Block 1 5972-3697
	SureSelect Block 2 5972-3698
	SureSelect Indexing Block 3 5972-3714
	SureSelect Hyb 3 5190-4382
	<b>SureSelect Target Enrichment Box 1, 16Rxn 5190-8645</b>
	SureSelect Hyb 1 5190-4396
	SureSelect Hyb 2 5190-4397
	SureSelect Hyb 4 5190-4406
	SureSelect Binding Buffer 5190-4399
	SureSelect Wash Buffer 1 5190-4400
	SureSelect Wash Buffer 2 5190-4401

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Date of issue/Date of revision** : 20/07/2017

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### Identified uses

Analytical reagent.	
RNA Seq Fragmentation Mix	0.33 ml (16 reactions)
SureSelect Ligation Master Mix	0.08 ml (16 reactions)
RNA Seq Second-strand + End-Repair Enzyme Mix	0.44 ml (16 reactions)
RNA Seq dA Tailing Master Mix	0.35 ml (16 reactions)
RNA Seq PCR Master Mix	0.88 ml (16 reactions)
RNA Seq First Strand Master Mix	0.14 ml (16 reactions)
Uracil DNA Glycosylase (UDG)	0.018 ml (16 reactions)
SureSelect Oligo Adaptor Mix	0.09 ml (16 reactions)
SureSelect Primer	0.3 ml
8bp Indexes A01–H02	0.015 ml x 16 (2 reactions)
RNA Seq ILM Reverse PCR Primer	0.018 ml (16 reactions)
RNA Seq ILM Post-capture PCR Primer	0.018 ml (16 reactions)
RNA Seq Second-strand + End-Repair Oligo Mix	0.09 ml (16 reactions)
SureSelect RNase Block	0.016 ml
SureSelect Indexing Block 1	0.3 ml
SureSelect Block 2	0.3 ml
SureSelect Indexing Block 3	0.375 ml
SureSelect Hyb 3	0.16 ml
SureSelect Hyb 1	0.4 ml
SureSelect Hyb 2	1.25 ml
SureSelect Hyb 4	1.25 ml
SureSelect Binding Buffer	13.2 ml
SureSelect Wash Buffer 1	8 ml
SureSelect Wash Buffer 2	24 ml

### 1.3 Details of the supplier of the safety data sheet

Agilent Technologies Manufacturing GmbH & Co. KG  
Hewlett-Packard-Str. 8  
76337 Waldbronn  
Germany  
0800 603 1000

**e-mail address of person responsible for this SDS** : pdl-msds\_author@agilent.com

### 1.4 Emergency telephone number

**Emergency telephone number (with hours of operation)** : CHEMTREC®: +(44)-870-8200418

**Nota \*** :  kit containing Agilent Part Number: 5500-0134; 5190-6261; 5190-8645  
\*8bp Indexes A01–H02: 5190-7912, 5190-7913, 5190-7914, 5190-7915, 5190-7916, 5190-7917, 5190-7918, 5190-7919, 5190-7920, 5190-7921, 5190-7922, 5190-7923, 5190-7924, 5190-7925, 5190-7926, 5190-7927

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Product definition** :  RNA Seq Fragmentation Mix Mixture  
SureSelect Ligation Master Mix Mixture  
RNA Seq Second-strand + End-Repair Enzyme Mix Mixture  
RNA Seq dA Tailing Mixture

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Master Mix	
RNA Seq PCR Master Mix	Mixture
RNA Seq First Strand Master Mix	Mixture
Uracil DNA Glycosylase (UDG)	Mixture
SureSelect Oligo Adaptor Mix	Mixture
SureSelect Primer	Mixture
8bp Indexes A01–H02	Mixture
RNA Seq ILM Reverse PCR Primer	Mixture
RNA Seq ILM Post-capture PCR Primer	Mixture
RNA Seq Second-strand + End-Repair Oligo Mix	Mixture
SureSelect RNase Block	Mixture
SureSelect Indexing Block 1	Mixture
SureSelect Block 2	Mixture
SureSelect Indexing Block 3	Mixture
SureSelect Hyb 3	Mixture
SureSelect Hyb 1	Mixture
SureSelect Hyb 2	Mixture
SureSelect Hyb 4	Mixture
SureSelect Binding Buffer	Mixture
SureSelect Wash Buffer 1	Mixture
SureSelect Wash Buffer 2	Mixture

### Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

#### SureSelect Hyb 1

H319

SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

<b>Ingredients of unknown toxicity</b>	SureSelect Ligation Master Mix	Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 1 - 10%
		Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 30 - 60%
		Percentage of the mixture consisting of ingredient(s) of unknown oral toxicity: 1 - 10%
	RNA Seq Second-strand + End-Repair Enzyme Mix	Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 1 - 10%
		Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 10 - 30%
	RNA Seq dA Tailing Master Mix	Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 1 - 10%
		Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 10 - 30%
		Percentage of the mixture consisting of ingredient(s) of unknown oral toxicity: 1 - 10%
	RNA Seq PCR Master Mix	Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 1 - 10%
	RNA Seq First Strand Master Mix	Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 10 - 30%
Uracil DNA Glycosylase (UDG)	Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: > 60%	
RNA Seq Second-strand + End-Repair Oligo Mix	Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 1 - 10%	

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		Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 10 - 30%
	SureSelect RNase Block	Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 30 - 60%
	SureSelect Hyb 3	Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 1 - 10%
		Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 1 - 10%
	SureSelect Hyb 1	Percentage of the mixture consisting of ingredient(s) of unknown oral toxicity: 1 - 10%
		Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 1 - 10%
	SureSelect Hyb 2	Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 10 - 30%
		Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 10 - 30%
	SureSelect Hyb 4	Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 10 - 30%
		Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 1 - 10%
	SureSelect Binding Buffer	Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 1 - 10%
<b>Ingredients of unknown ecotoxicity</b>	: SureSelect Ligation Master Mix	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 1.6%
	RNA Seq dA Tailing Master Mix	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 1.6%
	SureSelect Hyb 3	Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 1%

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

**Hazard pictograms** : SureSelect Hyb 1



**Signal word** :

RNA Seq Fragmentation Mix	No signal word.
SureSelect Ligation Master Mix	No signal word.
RNA Seq Second-strand + End-Repair Enzyme Mix	No signal word.
RNA Seq dA Tailing Master Mix	No signal word.
RNA Seq PCR Master Mix	No signal word.
RNA Seq First Strand Master Mix	No signal word.
Uracil DNA Glycosylase (UDG)	No signal word.
SureSelect Oligo Adaptor Mix	No signal word.
SureSelect Primer	No signal word.
8bp Indexes A01-H02	No signal word.
RNA Seq ILM Reverse PCR Primer	No signal word.
RNA Seq ILM Post-capture PCR Primer	No signal word.

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	RNA Seq Second-strand + End-Repair Oligo Mix	No signal word.
	SureSelect RNase Block	No signal word.
	SureSelect Indexing Block 1	No signal word.
	SureSelect Block 2	No signal word.
	SureSelect Indexing Block 3	No signal word.
	SureSelect Hyb 3	No signal word.
	SureSelect Hyb 1	Warning
	SureSelect Hyb 2	No signal word.
	SureSelect Hyb 4	No signal word.
	SureSelect Binding Buffer	No signal word.
	SureSelect Wash Buffer 1	No signal word.
	SureSelect Wash Buffer 2	No signal word.
<b>Hazard statements</b>	: RNA Seq Fragmentation Mix	No known significant effects or critical hazards.
	SureSelect Ligation Master Mix	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Enzyme Mix	No known significant effects or critical hazards.
	RNA Seq dA Tailing Master Mix	No known significant effects or critical hazards.
	RNA Seq PCR Master Mix	No known significant effects or critical hazards.
	RNA Seq First Strand Master Mix	No known significant effects or critical hazards.
	Uracil DNA Glycosylase (UDG)	No known significant effects or critical hazards.
	SureSelect Oligo Adaptor Mix	No known significant effects or critical hazards.
	SureSelect Primer	No known significant effects or critical hazards.
	8bp Indexes A01–H02	No known significant effects or critical hazards.
	RNA Seq ILM Reverse PCR Primer	No known significant effects or critical hazards.
	RNA Seq ILM Post-capture PCR Primer	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Oligo Mix	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Indexing Block 1	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Indexing Block 3	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect Hyb 1	H319 - Causes serious eye irritation.
	SureSelect Hyb 2	No known significant effects or critical hazards.
	SureSelect Hyb 4	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.

### Precautionary statements

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## SECTION 2: Hazards identification

<b>Prevention</b>	:	RNA Seq Fragmentation Mix	Not applicable.	
		SureSelect Ligation Master Mix	Not applicable.	
		RNA Seq Second-strand + End-Repair Enzyme Mix	Not applicable.	
		RNA Seq dA Tailing Master Mix	Not applicable.	
		RNA Seq PCR Master Mix	Not applicable.	
		RNA Seq First Strand Master Mix	Not applicable.	
		Uracil DNA Glycosylase (UDG)	Not applicable.	
		SureSelect Oligo Adaptor Mix	Not applicable.	
		SureSelect Primer 8bp Indexes A01–H02	Not applicable.	
		RNA Seq ILM Reverse PCR Primer	Not applicable.	
		RNA Seq ILM Post-capture PCR Primer	Not applicable.	
		RNA Seq Second-strand + End-Repair Oligo Mix	Not applicable.	
		SureSelect RNase Block	Not applicable.	
		SureSelect Indexing Block 1	Not applicable.	
		SureSelect Block 2	Not applicable.	
		SureSelect Indexing Block 3	Not applicable.	
		SureSelect Hyb 3	Not applicable.	
		SureSelect Hyb 1	P280 - Wear eye or face protection. P264 - Wash hands thoroughly after handling.	
		SureSelect Hyb 2	Not applicable.	
		SureSelect Hyb 4	Not applicable.	
		SureSelect Binding Buffer	Not applicable.	
		SureSelect Wash Buffer 1	Not applicable.	
		SureSelect Wash Buffer 2	Not applicable.	
	<b>Response</b>	:	RNA Seq Fragmentation Mix	Not applicable.
			SureSelect Ligation Master Mix	Not applicable.
			RNA Seq Second-strand + End-Repair Enzyme Mix	Not applicable.
			RNA Seq dA Tailing Master Mix	Not applicable.
			RNA Seq PCR Master Mix	Not applicable.
			RNA Seq First Strand Master Mix	Not applicable.
			Uracil DNA Glycosylase (UDG)	Not applicable.
			SureSelect Oligo Adaptor Mix	Not applicable.
			SureSelect Primer 8bp Indexes A01–H02	Not applicable.

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RNA Seq ILM Reverse PCR Primer	Not applicable.
RNA Seq ILM Post-capture PCR Primer	Not applicable.
RNA Seq Second-strand + End-Repair Oligo Mix	Not applicable.
SureSelect RNase Block	Not applicable.
SureSelect Indexing Block 1	Not applicable.
SureSelect Block 2	Not applicable.
SureSelect Indexing Block 3	Not applicable.
SureSelect Hyb 3	Not applicable.
SureSelect Hyb 1	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
SureSelect Hyb 2	Not applicable.
SureSelect Hyb 4	Not applicable.
SureSelect Binding Buffer	Not applicable.
SureSelect Wash Buffer 1	Not applicable.
SureSelect Wash Buffer 2	Not applicable.
RNA Seq Fragmentation Mix	Not applicable.
SureSelect Ligation Master Mix	Not applicable.
RNA Seq Second-strand + End-Repair Enzyme Mix	Not applicable.
RNA Seq dA Tailing Master Mix	Not applicable.
RNA Seq PCR Master Mix	Not applicable.
RNA Seq First Strand Master Mix	Not applicable.
Uracil DNA Glycosylase (UDG)	Not applicable.
SureSelect Oligo Adaptor Mix	Not applicable.
SureSelect Primer	Not applicable.
8bp Indexes A01–H02	Not applicable.
RNA Seq ILM Reverse PCR Primer	Not applicable.
RNA Seq ILM Post-capture PCR Primer	Not applicable.
RNA Seq Second-strand + End-Repair Oligo Mix	Not applicable.
SureSelect RNase Block	Not applicable.
SureSelect Indexing Block 1	Not applicable.
SureSelect Block 2	Not applicable.
SureSelect Indexing Block 3	Not applicable.
SureSelect Hyb 3	Not applicable.
SureSelect Hyb 1	Not applicable.
SureSelect Hyb 2	Not applicable.
SureSelect Hyb 4	Not applicable.
SureSelect Binding Buffer	Not applicable.

### Storage

:

RNA Seq Fragmentation Mix	Not applicable.
SureSelect Ligation Master Mix	Not applicable.
RNA Seq Second-strand + End-Repair Enzyme Mix	Not applicable.
RNA Seq dA Tailing Master Mix	Not applicable.
RNA Seq PCR Master Mix	Not applicable.
RNA Seq First Strand Master Mix	Not applicable.
Uracil DNA Glycosylase (UDG)	Not applicable.
SureSelect Oligo Adaptor Mix	Not applicable.
SureSelect Primer	Not applicable.
8bp Indexes A01–H02	Not applicable.
RNA Seq ILM Reverse PCR Primer	Not applicable.
RNA Seq ILM Post-capture PCR Primer	Not applicable.
RNA Seq Second-strand + End-Repair Oligo Mix	Not applicable.
SureSelect RNase Block	Not applicable.
SureSelect Indexing Block 1	Not applicable.
SureSelect Block 2	Not applicable.
SureSelect Indexing Block 3	Not applicable.
SureSelect Hyb 3	Not applicable.
SureSelect Hyb 1	Not applicable.
SureSelect Hyb 2	Not applicable.
SureSelect Hyb 4	Not applicable.
SureSelect Binding Buffer	Not applicable.

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## SECTION 2: Hazards identification

	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
<b>Disposal</b>	: RNA Seq Fragmentation Mix	Not applicable.
	SureSelect Ligation Master Mix	Not applicable.
	RNA Seq Second-strand + End-Repair Enzyme Mix	Not applicable.
	RNA Seq dA Tailing Master Mix	Not applicable.
	RNA Seq PCR Master Mix	Not applicable.
	RNA Seq First Strand Master Mix	Not applicable.
	Uracil DNA Glycosylase (UDG)	Not applicable.
	SureSelect Oligo Adaptor Mix	Not applicable.
	SureSelect Primer 8bp Indexes A01–H02	Not applicable.
	RNA Seq ILM Reverse PCR Primer	Not applicable.
	RNA Seq ILM Post-capture PCR Primer	Not applicable.
	RNA Seq Second-strand + End-Repair Oligo Mix	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Indexing Block 1	Not applicable.
	SureSelect Block 2	Not applicable.
	SureSelect Indexing Block 3	Not applicable.
	SureSelect Hyb 3	Not applicable.
	SureSelect Hyb 1	Not applicable.
	SureSelect Hyb 2	Not applicable.
	SureSelect Hyb 4	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
<b>Hazardous ingredients</b>	: SureSelect Ligation Master Mix	Not applicable.
	RNA Seq dA Tailing Master Mix	Not applicable.
	SureSelect Hyb 1	Not applicable.
	SureSelect Hyb 2	Not applicable.
	SureSelect Hyb 4	Not applicable.
	SureSelect Binding Buffer	Not applicable.



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<b>Supplemental label elements</b>	:	RNA Seq Fragmentation Mix	Not applicable.	
		SureSelect Ligation Master Mix	Safety data sheet available on request.	
		RNA Seq Second-strand + End-Repair Enzyme Mix	Not applicable.	
		RNA Seq dA Tailing Master Mix	Safety data sheet available on request.	
		RNA Seq PCR Master Mix	Not applicable.	
		RNA Seq First Strand Master Mix	Not applicable.	
		Uracil DNA Glycosylase (UDG)	Not applicable.	
		SureSelect Oligo Adaptor Mix	Not applicable.	
		SureSelect Primer 8bp Indexes A01–H02	Not applicable.	
		RNA Seq ILM Reverse PCR Primer	Not applicable.	
		RNA Seq ILM Post-capture PCR Primer	Not applicable.	
		RNA Seq Second-strand + End-Repair Oligo Mix	Not applicable.	
		SureSelect RNase Block	Not applicable.	
		SureSelect Indexing Block 1	Not applicable.	
		SureSelect Block 2	Not applicable.	
		SureSelect Indexing Block 3	Not applicable.	
		SureSelect Hyb 3	Not applicable.	
		SureSelect Hyb 1	Not applicable.	
		SureSelect Hyb 2	Safety data sheet available on request.	
		SureSelect Hyb 4	Safety data sheet available on request.	
		SureSelect Binding Buffer	Safety data sheet available on request.	
		SureSelect Wash Buffer 1	Not applicable.	
		SureSelect Wash Buffer 2	Not applicable.	
	<b>Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles</b>	:	RNA Seq Fragmentation Mix	Not applicable.
			SureSelect Ligation Master Mix	Not applicable.
			RNA Seq Second-strand + End-Repair Enzyme Mix	Not applicable.
			RNA Seq dA Tailing Master Mix	Not applicable.
			RNA Seq PCR Master Mix	Not applicable.
			RNA Seq First Strand Master Mix	Not applicable.
			Uracil DNA Glycosylase (UDG)	Not applicable.
			SureSelect Oligo Adaptor Mix	Not applicable.
			SureSelect Primer 8bp Indexes A01–H02	Not applicable.
		RNA Seq ILM Reverse	Not applicable.	

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PCR Primer	
RNA Seq ILM Post-capture PCR Primer	Not applicable.
RNA Seq Second-strand + End-Repair Oligo Mix	Not applicable.
SureSelect RNase Block	Not applicable.
SureSelect Indexing Block 1	Not applicable.
SureSelect Block 2	Not applicable.
SureSelect Indexing Block 3	Not applicable.
SureSelect Hyb 3	Not applicable.
SureSelect Hyb 1	Not applicable.
SureSelect Hyb 2	Not applicable.
SureSelect Hyb 4	Not applicable.
SureSelect Binding Buffer	Not applicable.
SureSelect Wash Buffer 1	Not applicable.
SureSelect Wash Buffer 2	Not applicable.

### Special packaging requirements

<b>Tactile warning of danger</b>	:	RNA Seq Fragmentation Mix	Not applicable.
		SureSelect Ligation Master Mix	Not applicable.
		RNA Seq Second-strand + End-Repair Enzyme Mix	Not applicable.
		RNA Seq dA Tailing Master Mix	Not applicable.
		RNA Seq PCR Master Mix	Not applicable.
		RNA Seq First Strand Master Mix	Not applicable.
		Uracil DNA Glycosylase (UDG)	Not applicable.
		SureSelect Oligo Adaptor Mix	Not applicable.
		SureSelect Primer 8bp Indexes A01–H02	Not applicable.
		RNA Seq ILM Reverse PCR Primer	Not applicable.
		RNA Seq ILM Post-capture PCR Primer	Not applicable.
		RNA Seq Second-strand + End-Repair Oligo Mix	Not applicable.
		SureSelect RNase Block	Not applicable.
		SureSelect Indexing Block 1	Not applicable.
		SureSelect Block 2	Not applicable.
		SureSelect Indexing Block 3	Not applicable.
		SureSelect Hyb 3	Not applicable.
		SureSelect Hyb 1	Not applicable.
		SureSelect Hyb 2	Not applicable.
		SureSelect Hyb 4	Not applicable.
		SureSelect Binding Buffer	Not applicable.
		SureSelect Wash Buffer 1	Not applicable.

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SureSelect Wash Buffer 2 Not applicable.

### 2.3 Other hazards

**Other hazards which do not result in classification** :

RNA Seq Fragmentation Mix	None known.
SureSelect Ligation Master Mix	None known.
RNA Seq Second-strand + End-Repair Enzyme Mix	None known.
RNA Seq dA Tailing Master Mix	None known.
RNA Seq PCR Master Mix	None known.
RNA Seq First Strand Master Mix	None known.
Uracil DNA Glycosylase (UDG)	None known.
SureSelect Oligo Adaptor Mix	None known.
SureSelect Primer	None known.
8bp Indexes A01–H02	None known.
RNA Seq ILM Reverse PCR Primer	None known.
RNA Seq ILM Post-capture PCR Primer	None known.
RNA Seq Second-strand + End-Repair Oligo Mix	None known.
SureSelect RNase Block	None known.
SureSelect Indexing Block 1	None known.
SureSelect Block 2	None known.
SureSelect Indexing Block 3	None known.
SureSelect Hyb 3	None known.
SureSelect Hyb 1	None known.
SureSelect Hyb 2	None known.
SureSelect Hyb 4	None known.
SureSelect Binding Buffer	None known.
SureSelect Wash Buffer 1	None known.
SureSelect Wash Buffer 2	None known.

## SECTION 3: Composition/information on ingredients

**3.1 Substances** :

RNA Seq Fragmentation Mix	Mixture
SureSelect Ligation Master Mix	Mixture
RNA Seq Second-strand + End-Repair Enzyme Mix	Mixture
RNA Seq dA Tailing Master Mix	Mixture
RNA Seq PCR Master Mix	Mixture
RNA Seq First Strand Master Mix	Mixture
Uracil DNA Glycosylase (UDG)	Mixture
SureSelect Oligo Adaptor Mix	Mixture
SureSelect Primer	Mixture
8bp Indexes A01–H02	Mixture
RNA Seq ILM Reverse PCR Primer	Mixture
RNA Seq ILM Post-capture PCR	Mixture

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Primer	
RNA Seq Second-strand + End- Repair Oligo Mix	Mixture
SureSelect RNase Block	Mixture
SureSelect Indexing Block 1	Mixture
SureSelect Block 2	Mixture
SureSelect Indexing Block 3	Mixture
SureSelect Hyb 3	Mixture
SureSelect Hyb 1	Mixture
SureSelect Hyb 2	Mixture
SureSelect Hyb 4	Mixture
SureSelect Binding Buffer	Mixture
SureSelect Wash Buffer 1	Mixture
SureSelect Wash Buffer 2	Mixture

Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Type
<b>SureSelect Ligation Master Mix</b> Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥25 - ≤50	Not classified.	[2]
2-Amino-2-(hydroxymethyl) propane-1,3-diol hydrochloride	EC: 214-684-5 CAS: 1185-53-1	≤3	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	[1]
<b>RNA Seq Second-strand + End- Repair Enzyme Mix</b> Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥10 - ≤25	Not classified.	[2]
<b>RNA Seq dA Tailing Master Mix</b> Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥10 - ≤25	Not classified.	[2]
2-Amino-2-(hydroxymethyl) propane-1,3-diol hydrochloride	EC: 214-684-5 CAS: 1185-53-1	≤3	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	[1]
<b>RNA Seq PCR Master Mix</b> Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≤10	Not classified.	[2]
<b>RNA Seq First Strand Master Mix</b> Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥10 - ≤25	Not classified.	[2]
<b>Uracil DNA Glycosylase (UDG)</b> Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	[2]
<b>RNA Seq Second-strand + End- Repair Oligo Mix</b> Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥10 - ≤25	Not classified.	[2]
<b>SureSelect RNase Block</b>				

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### SECTION 3: Composition/information on ingredients

Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	[2]
<b>SureSelect Hyb 1</b> Sodium chloride	EC: 231-598-3 CAS: 7647-14-5	≥10 - ≤25	Eye Irrit. 2, H319	[1]
<b>SureSelect Hyb 2</b> Disodium dihydrogen ethylenediaminetetraacetate	EC: 205-358-3 CAS: 139-33-3	≥10 - ≤25	Acute Tox. 4, H302	[1]
<b>SureSelect Hyb 4</b> Sulfuric acid monododecyl ester sodium salt (1:1)	CAS: 8012-56-4	≤3	Acute Tox. 4, H302 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 3, H412	[1]
<b>SureSelect Binding Buffer</b> Sodium chloride	EC: 231-598-3 CAS: 7647-14-5	<10	Eye Irrit. 2, H319  <b>See Section 16 for the full text of the H statements declared above.</b>	[1]

#### Type

- [1] Substance classified with a health or environmental hazard  
 [2] Substance with a workplace exposure limit  
 [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII  
 [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII  
 [5] Substance of equivalent concern  
 [6] Additional disclosure due to company policy

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

<b>Eye contact</b>	: RNA Seq Fragmentation 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 Ligation Master 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.
	RNA Seq Second-strand + End-Repair Enzyme Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	RNA Seq dA Tailing Master 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.
	RNA Seq PCR Master 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.
	RNA Seq First Strand Master 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.
	Uracil DNA Glycosylase (UDG)	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 Oligo	Immediately flush eyes with plenty of water, occasionally

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Adaptor Mix	lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect 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.
8bp Indexes A01–H02	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.
RNA Seq ILM Reverse PCR 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.
RNA Seq ILM Post-capture PCR 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.
RNA Seq Second-strand + End-Repair Oligo Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect RNase Block	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 Indexing Block 1	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect Block 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 Indexing Block 3	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 Hyb 3	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 Hyb 1	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. Get medical attention.
SureSelect Hyb 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 Hyb 4	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect Binding Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect Wash Buffer 1	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect Wash Buffer 2	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
<b>Inhalation</b> : RNA Seq Fragmentation Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect Ligation Master Mix	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.
RNA Seq Second-strand	Remove victim to fresh air and keep at rest in a position

## SECTION 4: First aid measures

+ End-Repair Enzyme Mix RNA Seq dA Tailing Master Mix	comfortable for breathing. Get medical attention if symptoms occur. 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.
RNA Seq PCR Master Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
RNA Seq First Strand Master Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Uracil DNA Glycosylase (UDG)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect Oligo Adaptor Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect Primer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
8bp Indexes A01–H02	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
RNA Seq ILM Reverse PCR Primer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
RNA Seq ILM Post-capture PCR Primer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
RNA Seq Second-strand + End-Repair Oligo Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect RNase Block	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect Indexing Block 1	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect Block 2	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect Indexing Block 3	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect Hyb 3	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.
SureSelect Hyb 1	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

**SECTION 4: First aid measures**

**Skin contact**

SureSelect Hyb 2	collar, tie, belt or waistband. 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.
SureSelect Hyb 4	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
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.
: RNA Seq Fragmentation Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect Ligation Master Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
RNA Seq Second-strand + End-Repair Enzyme Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
RNA Seq dA Tailing Master Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
RNA Seq PCR Master Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
RNA Seq First Strand Master Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Uracil DNA Glycosylase (UDG)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect Oligo Adaptor Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect Primer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
8bp Indexes A01–H02	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
RNA Seq ILM Reverse PCR Primer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
RNA Seq ILM Post-capture PCR Primer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
RNA Seq Second-strand + End-Repair Oligo Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect RNase Block	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.



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SureSelect Indexing Block 1	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect Block 2	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect Indexing Block 3	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect Hyb 3	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect Hyb 1	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
SureSelect Hyb 2	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect Hyb 4	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.
<b>Ingestion</b> : RNA Seq Fragmentation Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 Ligation Master Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
RNA Seq Second-strand + End-Repair Enzyme Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
RNA Seq dA Tailing Master Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
RNA Seq PCR Master Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.

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RNA Seq First Strand Master Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
Uracil DNA Glycosylase (UDG)	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 Oligo Adaptor Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 Primer	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
8bp Indexes A01–H02	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
RNA Seq ILM Reverse PCR Primer	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
RNA Seq ILM Post-capture PCR Primer	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.
RNA Seq Second-strand + End-Repair Oligo Mix	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect RNase Block	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 Indexing Block 1	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 Block 2	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If

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	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 Indexing Block 3	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 Hyb 3	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 Hyb 1	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 Hyb 2	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 Hyb 4	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect Binding Buffer	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect Wash Buffer 2	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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.

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<b>Protection of first-aiders</b>	:	RNA Seq Fragmentation Mix	No action shall be taken involving any personal risk or without suitable training.
		SureSelect Ligation Master Mix	No action shall be taken involving any personal risk or without suitable training.
		RNA Seq Second-strand + End-Repair Enzyme Mix	No action shall be taken involving any personal risk or without suitable training.
		RNA Seq dA Tailing Master Mix	No action shall be taken involving any personal risk or without suitable training.
		RNA Seq PCR Master Mix	No action shall be taken involving any personal risk or without suitable training.
		RNA Seq First Strand Master Mix	No action shall be taken involving any personal risk or without suitable training.
		Uracil DNA Glycosylase (UDG)	No action shall be taken involving any personal risk or without suitable training.
		SureSelect Oligo Adaptor Mix	No action shall be taken involving any personal risk or without suitable training.
		SureSelect Primer	No action shall be taken involving any personal risk or without suitable training.
		8bp Indexes A01–H02	No action shall be taken involving any personal risk or without suitable training.
		RNA Seq ILM Reverse PCR Primer	No action shall be taken involving any personal risk or without suitable training.
		RNA Seq ILM Post-capture PCR Primer	No action shall be taken involving any personal risk or without suitable training.
		RNA Seq Second-strand + End-Repair Oligo Mix	No action shall be taken involving any personal risk or without suitable training.
		SureSelect RNase Block	No action shall be taken involving any personal risk or without suitable training.
		SureSelect Indexing Block 1	No action shall be taken involving any personal risk or without suitable training.
		SureSelect Block 2	No action shall be taken involving any personal risk or without suitable training.
		SureSelect Indexing Block 3	No action shall be taken involving any personal risk or without suitable training.
		SureSelect Hyb 3	No action shall be taken involving any personal risk or without suitable training.
		SureSelect Hyb 1	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 Hyb 2	No action shall be taken involving any personal risk or without suitable training.
		SureSelect Hyb 4	No action shall be taken involving any personal risk or without suitable training.
		SureSelect Binding Buffer	No action shall be taken involving any personal risk 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.

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

#### Potential acute health effects

<b>Eye contact</b>	:	RNA Seq Fragmentation Mix	No known significant effects or critical hazards.
		SureSelect Ligation Master Mix	No known significant effects or critical hazards.
		RNA Seq Second-strand + End-Repair Enzyme Mix	No known significant effects or critical hazards.

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	RNA Seq dA Tailing Master Mix	No known significant effects or critical hazards.
	RNA Seq PCR Master Mix	No known significant effects or critical hazards.
	RNA Seq First Strand Master Mix	No known significant effects or critical hazards.
	Uracil DNA Glycosylase (UDG)	No known significant effects or critical hazards.
	SureSelect Oligo Adaptor Mix	No known significant effects or critical hazards.
	SureSelect Primer	No known significant effects or critical hazards.
	8bp Indexes A01–H02	No known significant effects or critical hazards.
	RNA Seq ILM Reverse PCR Primer	No known significant effects or critical hazards.
	RNA Seq ILM Post-capture PCR Primer	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Oligo Mix	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Indexing Block 1	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Indexing Block 3	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect Hyb 1	Causes serious eye irritation.
	SureSelect Hyb 2	No known significant effects or critical hazards.
	SureSelect Hyb 4	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.
<b>Inhalation</b>	: RNA Seq Fragmentation Mix	No known significant effects or critical hazards.
	SureSelect Ligation Master Mix	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Enzyme Mix	No known significant effects or critical hazards.
	RNA Seq dA Tailing Master Mix	No known significant effects or critical hazards.
	RNA Seq PCR Master Mix	No known significant effects or critical hazards.
	RNA Seq First Strand Master Mix	No known significant effects or critical hazards.
	Uracil DNA Glycosylase (UDG)	No known significant effects or critical hazards.
	SureSelect Oligo Adaptor Mix	No known significant effects or critical hazards.
	SureSelect Primer	No known significant effects or critical hazards.
	8bp Indexes A01–H02	No known significant effects or critical hazards.
	RNA Seq ILM Reverse PCR Primer	No known significant effects or critical hazards.
	RNA Seq ILM Post-capture PCR Primer	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Oligo Mix	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Indexing	No known significant effects or critical hazards.

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	Block 1	
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Indexing	No known significant effects or critical hazards.
	Block 3	
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect Hyb 1	No known significant effects or critical hazards.
	SureSelect Hyb 2	No known significant effects or critical hazards.
	SureSelect Hyb 4	No known significant effects or critical hazards.
	SureSelect Binding	No known significant effects or critical hazards.
	Buffer	
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
<b>Skin contact</b>	: RNA Seq Fragmentation Mix	No known significant effects or critical hazards.
	SureSelect Ligation Master Mix	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Enzyme Mix	No known significant effects or critical hazards.
	RNA Seq dA Tailing Master Mix	No known significant effects or critical hazards.
	RNA Seq PCR Master Mix	No known significant effects or critical hazards.
	RNA Seq First Strand Master Mix	No known significant effects or critical hazards.
	Uracil DNA Glycosylase (UDG)	No known significant effects or critical hazards.
	SureSelect Oligo Adaptor Mix	No known significant effects or critical hazards.
	SureSelect Primer 8bp Indexes A01–H02	No known significant effects or critical hazards.
	RNA Seq ILM Reverse PCR Primer	No known significant effects or critical hazards.
	RNA Seq ILM Post-capture PCR Primer	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Oligo Mix	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Indexing	No known significant effects or critical hazards.
	Block 1	
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Indexing	No known significant effects or critical hazards.
	Block 3	
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect Hyb 1	No known significant effects or critical hazards.
	SureSelect Hyb 2	No known significant effects or critical hazards.
	SureSelect Hyb 4	No known significant effects or critical hazards.
	SureSelect Binding	No known significant effects or critical hazards.
	Buffer	
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.

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<b>Ingestion</b>	:	RNA Seq Fragmentation Mix	No known significant effects or critical hazards.
		SureSelect Ligation Master Mix	No known significant effects or critical hazards.
		RNA Seq Second-strand + End-Repair Enzyme Mix	No known significant effects or critical hazards.
		RNA Seq dA Tailing Master Mix	No known significant effects or critical hazards.
		RNA Seq PCR Master Mix	No known significant effects or critical hazards.
		RNA Seq First Strand Master Mix	No known significant effects or critical hazards.
		Uracil DNA Glycosylase (UDG)	No known significant effects or critical hazards.
		SureSelect Oligo Adaptor Mix	No known significant effects or critical hazards.
		SureSelect Primer	No known significant effects or critical hazards.
		8bp Indexes A01–H02	No known significant effects or critical hazards.
		RNA Seq ILM Reverse PCR Primer	No known significant effects or critical hazards.
		RNA Seq ILM Post-capture PCR Primer	No known significant effects or critical hazards.
		RNA Seq Second-strand + End-Repair Oligo Mix	No known significant effects or critical hazards.
		SureSelect RNase Block	No known significant effects or critical hazards.
		SureSelect Indexing Block 1	No known significant effects or critical hazards.
		SureSelect Block 2	No known significant effects or critical hazards.
		SureSelect Indexing Block 3	No known significant effects or critical hazards.
		SureSelect Hyb 3	No known significant effects or critical hazards.
		SureSelect Hyb 1	No known significant effects or critical hazards.
		SureSelect Hyb 2	No known significant effects or critical hazards.
		SureSelect Hyb 4	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.

### Over-exposure signs/symptoms

<b>Eye contact</b>	:	RNA Seq Fragmentation Mix	No specific data.
		SureSelect Ligation Master Mix	No specific data.
		RNA Seq Second-strand + End-Repair Enzyme Mix	No specific data.
		RNA Seq dA Tailing Master Mix	No specific data.
		RNA Seq PCR Master Mix	No specific data.
		RNA Seq First Strand Master Mix	No specific data.
		Uracil DNA Glycosylase (UDG)	No specific data.
		SureSelect Oligo Adaptor Mix	No specific data.
		SureSelect Primer	No specific data.
		8bp Indexes A01–H02	No specific data.

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RNA Seq ILM Reverse PCR Primer	No specific data.
RNA Seq ILM Post-capture PCR Primer	No specific data.
RNA Seq Second-strand + End-Repair Oligo Mix	No specific data.
SureSelect RNase Block	No specific data.
SureSelect Indexing Block 1	No specific data.
SureSelect Block 2	No specific data.
SureSelect Indexing Block 3	No specific data.
SureSelect Hyb 3	No specific data.
SureSelect Hyb 1	Adverse symptoms may include the following: pain or irritation watering redness
SureSelect Hyb 2	No specific data.
SureSelect Hyb 4	No specific data.
SureSelect Binding Buffer	No specific data.
SureSelect Wash Buffer 1	No specific data.
SureSelect Wash Buffer 2	No specific data.
RNA Seq Fragmentation Mix	No specific data.
SureSelect Ligation Master Mix	No specific data.
RNA Seq Second-strand + End-Repair Enzyme Mix	No specific data.
RNA Seq dA Tailing Master Mix	No specific data.
RNA Seq PCR Master Mix	No specific data.
RNA Seq First Strand Master Mix	No specific data.
Uracil DNA Glycosylase (UDG)	No specific data.
SureSelect Oligo Adaptor Mix	No specific data.
SureSelect Primer	No specific data.
8bp Indexes A01-H02	No specific data.
RNA Seq ILM Reverse PCR Primer	No specific data.
RNA Seq ILM Post-capture PCR Primer	No specific data.
RNA Seq Second-strand + End-Repair Oligo Mix	No specific data.
SureSelect RNase Block	No specific data.
SureSelect Indexing Block 1	No specific data.
SureSelect Block 2	No specific data.
SureSelect Indexing Block 3	No specific data.
SureSelect Hyb 3	No specific data.
SureSelect Hyb 1	No specific data.
SureSelect Hyb 2	No specific data.
SureSelect Hyb 4	No specific data.
SureSelect Binding	No specific data.

**Inhalation**

:

RNA Seq Fragmentation Mix	No specific data.
SureSelect Ligation Master Mix	No specific data.
RNA Seq Second-strand + End-Repair Enzyme Mix	No specific data.
RNA Seq dA Tailing Master Mix	No specific data.
RNA Seq PCR Master Mix	No specific data.
RNA Seq First Strand Master Mix	No specific data.
Uracil DNA Glycosylase (UDG)	No specific data.
SureSelect Oligo Adaptor Mix	No specific data.
SureSelect Primer	No specific data.
8bp Indexes A01-H02	No specific data.
RNA Seq ILM Reverse PCR Primer	No specific data.
RNA Seq ILM Post-capture PCR Primer	No specific data.
RNA Seq Second-strand + End-Repair Oligo Mix	No specific data.
SureSelect RNase Block	No specific data.
SureSelect Indexing Block 1	No specific data.
SureSelect Block 2	No specific data.
SureSelect Indexing Block 3	No specific data.
SureSelect Hyb 3	No specific data.
SureSelect Hyb 1	No specific data.
SureSelect Hyb 2	No specific data.
SureSelect Hyb 4	No specific data.
SureSelect Binding	No specific data.



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	Buffer	
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
<b>Skin contact</b>	: RNA Seq Fragmentation Mix	No specific data.
	SureSelect Ligation Master Mix	No specific data.
	RNA Seq Second-strand + End-Repair Enzyme Mix	No specific data.
	RNA Seq dA Tailing Master Mix	No specific data.
	RNA Seq PCR Master Mix	No specific data.
	RNA Seq First Strand Master Mix	No specific data.
	Uracil DNA Glycosylase (UDG)	No specific data.
	SureSelect Oligo Adaptor Mix	No specific data.
	SureSelect Primer 8bp Indexes A01–H02	No specific data.
	RNA Seq ILM Reverse PCR Primer	No specific data.
	RNA Seq ILM Post-capture PCR Primer	No specific data.
	RNA Seq Second-strand + End-Repair Oligo Mix	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Indexing Block 1	No specific data.
	SureSelect Block 2	No specific data.
	SureSelect Indexing Block 3	No specific data.
	SureSelect Hyb 3	No specific data.
	SureSelect Hyb 1	No specific data.
	SureSelect Hyb 2	No specific data.
	SureSelect Hyb 4	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
<b>Ingestion</b>	: RNA Seq Fragmentation Mix	No specific data.
	SureSelect Ligation Master Mix	No specific data.
	RNA Seq Second-strand + End-Repair Enzyme Mix	No specific data.
	RNA Seq dA Tailing Master Mix	No specific data.
	RNA Seq PCR Master Mix	No specific data.
	RNA Seq First Strand Master Mix	No specific data.
	Uracil DNA Glycosylase (UDG)	No specific data.

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SureSelect Oligo Adaptor Mix	No specific data.
SureSelect Primer	No specific data.
8bp Indexes A01–H02	No specific data.
RNA Seq ILM Reverse PCR Primer	No specific data.
RNA Seq ILM Post-capture PCR Primer	No specific data.
RNA Seq Second-strand + End-Repair Oligo Mix	No specific data.
SureSelect RNase Block	No specific data.
SureSelect Indexing Block 1	No specific data.
SureSelect Block 2	No specific data.
SureSelect Indexing Block 3	No specific data.
SureSelect Hyb 3	No specific data.
SureSelect Hyb 1	No specific data.
SureSelect Hyb 2	No specific data.
SureSelect Hyb 4	No specific data.
SureSelect Binding Buffer	No specific data.
SureSelect Wash Buffer 1	No specific data.
SureSelect Wash Buffer 2	No specific data.

### 4.3 Indication of any immediate medical attention and special treatment needed

#### Notes to physician

RNA Seq Fragmentation Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect Ligation Master Mix	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.
RNA Seq Second-strand + End-Repair Enzyme Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
RNA Seq dA Tailing Master Mix	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.
RNA Seq PCR Master Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
RNA Seq First Strand Master Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Uracil DNA Glycosylase (UDG)	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect Oligo Adaptor Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect Primer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
8bp Indexes A01–H02	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
RNA Seq ILM Reverse PCR Primer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
RNA Seq ILM Post-capture PCR Primer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
RNA Seq Second-strand + End-Repair Oligo Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect RNase Block	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect Indexing Block 1	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

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	SureSelect Block 2	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect Indexing Block 3	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect Hyb 3	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 Hyb 1	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SureSelect Hyb 2	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 Hyb 4	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	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.
<b>Specific treatments</b>	: RNA Seq Fragmentation Mix	No specific treatment.
	SureSelect Ligation Master Mix	No specific treatment.
	RNA Seq Second-strand + End-Repair Enzyme Mix	No specific treatment.
	RNA Seq dA Tailing Master Mix	No specific treatment.
	RNA Seq PCR Master Mix	No specific treatment.
	RNA Seq First Strand Master Mix	No specific treatment.
	Uracil DNA Glycosylase (UDG)	No specific treatment.
	SureSelect Oligo Adaptor Mix	No specific treatment.
	SureSelect Primer 8bp Indexes A01–H02	No specific treatment.
	RNA Seq ILM Reverse PCR Primer	No specific treatment.
	RNA Seq ILM Post-capture PCR Primer	No specific treatment.
	RNA Seq Second-strand + End-Repair Oligo Mix	No specific treatment.
	SureSelect RNase Block	No specific treatment.
	SureSelect Indexing Block 1	No specific treatment.
	SureSelect Block 2	No specific treatment.
	SureSelect Indexing Block 3	No specific treatment.
	SureSelect Hyb 3	No specific treatment.
	SureSelect Hyb 1	No specific treatment.
	SureSelect Hyb 2	No specific treatment.
	SureSelect Hyb 4	No specific treatment.
	SureSelect Binding Buffer	No specific treatment.
	SureSelect Wash Buffer 1	No specific treatment.
	SureSelect Wash Buffer 2	No specific treatment.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	:	RNA Seq Fragmentation Mix	Use an extinguishing agent suitable for the surrounding fire.
		SureSelect Ligation Master Mix	Use an extinguishing agent suitable for the surrounding fire.
		RNA Seq Second-strand + End-Repair Enzyme Mix	Use an extinguishing agent suitable for the surrounding fire.
		RNA Seq dA Tailing Master Mix	Use an extinguishing agent suitable for the surrounding fire.
		RNA Seq PCR Master Mix	Use an extinguishing agent suitable for the surrounding fire.
		RNA Seq First Strand Master Mix	Use an extinguishing agent suitable for the surrounding fire.
		Uracil DNA Glycosylase (UDG)	Use an extinguishing agent suitable for the surrounding fire.
		SureSelect Oligo Adaptor Mix	Use an extinguishing agent suitable for the surrounding fire.
		SureSelect Primer	Use an extinguishing agent suitable for the surrounding fire.
		8bp Indexes A01–H02	Use an extinguishing agent suitable for the surrounding fire.
		RNA Seq ILM Reverse PCR Primer	Use an extinguishing agent suitable for the surrounding fire.
		RNA Seq ILM Post-capture PCR Primer	Use an extinguishing agent suitable for the surrounding fire.
		RNA Seq Second-strand + End-Repair Oligo Mix	Use an extinguishing agent suitable for the surrounding fire.
		SureSelect RNase Block	Use an extinguishing agent suitable for the surrounding fire.
		SureSelect Indexing Block 1	Use an extinguishing agent suitable for the surrounding fire.
		SureSelect Block 2	Use an extinguishing agent suitable for the surrounding fire.
		SureSelect Indexing Block 3	Use an extinguishing agent suitable for the surrounding fire.
		SureSelect Hyb 3	Use an extinguishing agent suitable for the surrounding fire.
		SureSelect Hyb 1	Use an extinguishing agent suitable for the surrounding fire.
		SureSelect Hyb 2	Use an extinguishing agent suitable for the surrounding fire.
		SureSelect Hyb 4	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.
<b>Unsuitable extinguishing media</b>	:	RNA Seq Fragmentation Mix	None known.
		SureSelect Ligation Master Mix	None known.
		RNA Seq Second-strand + End-Repair Enzyme Mix	None known.
		RNA Seq dA Tailing Master Mix	None known.
		RNA Seq PCR Master Mix	None known.
		RNA Seq First Strand Master Mix	None known.
		Uracil DNA Glycosylase (UDG)	None known.
		SureSelect Oligo Adaptor Mix	None known.
		SureSelect Primer	None known.
		8bp Indexes A01–H02	None known.
			None known.

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RNA Seq ILM Reverse PCR Primer	None known.
RNA Seq ILM Post-capture PCR Primer	None known.
RNA Seq Second-strand + End-Repair Oligo Mix	None known.
SureSelect RNase Block	None known.
SureSelect Indexing Block 1	None known.
SureSelect Block 2	None known.
SureSelect Indexing Block 3	None known.
SureSelect Hyb 3	None known.
SureSelect Hyb 1	None known.
SureSelect Hyb 2	None known.
SureSelect Hyb 4	None known.
SureSelect Binding Buffer	None known.
SureSelect Wash Buffer 1	None known.
SureSelect Wash Buffer 2	None known.

### 5.2 Special hazards arising from the substance or mixture

#### Hazards from the substance or mixture

RNA Seq Fragmentation Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Ligation Master Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
RNA Seq Second-strand + End-Repair Enzyme Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
RNA Seq dA Tailing Master Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
RNA Seq PCR Master Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
RNA Seq First Strand Master Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
Uracil DNA Glycosylase (UDG)	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Oligo Adaptor Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Primer	In a fire or if heated, a pressure increase will occur and the container may burst.
8bp Indexes A01–H02	In a fire or if heated, a pressure increase will occur and the container may burst.
RNA Seq ILM Reverse PCR Primer	In a fire or if heated, a pressure increase will occur and the container may burst.
RNA Seq ILM Post-capture PCR Primer	In a fire or if heated, a pressure increase will occur and the container may burst.
RNA Seq Second-strand + End-Repair Oligo Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect RNase Block	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Indexing Block 1	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Block 2	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Indexing Block 3	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Hyb 3	In a fire or if heated, a pressure increase will occur and the container may burst.

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### Hazardous combustion products

SureSelect Hyb 1	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Hyb 2	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Hyb 4	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Binding Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Wash Buffer 1	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect Wash Buffer 2	In a fire or if heated, a pressure increase will occur and the container may burst.
RNA Seq Fragmentation Mix	No specific data.
SureSelect Ligation Master Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds
RNA Seq Second-strand + End-Repair Enzyme Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide halogenated compounds metal oxide/oxides
RNA Seq dA Tailing Master Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds
RNA Seq PCR Master Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide
RNA Seq First Strand Master Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide
Uracil DNA Glycosylase (UDG)	Decomposition products may include the following materials: carbon dioxide carbon monoxide
SureSelect Oligo Adaptor Mix	No specific data.
SureSelect Primer 8bp Indexes A01–H02	No specific data.
RNA Seq ILM Reverse PCR Primer	No specific data.
RNA Seq ILM Post-capture PCR Primer	No specific data.
RNA Seq Second-strand + End-Repair Oligo Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide halogenated compounds metal oxide/oxides
SureSelect RNase Block	Decomposition products may include the following materials: carbon dioxide carbon monoxide

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SureSelect Indexing Block 1	No specific data.
SureSelect Block 2	No specific data.
SureSelect Indexing Block 3	No specific data.
SureSelect Hyb 3	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds carbonyl halides
SureSelect Hyb 1	Decomposition products may include the following materials: phosphorus oxides halogenated compounds metal oxide/oxides
SureSelect Hyb 2	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides metal oxide/oxides
SureSelect Hyb 4	Decomposition products may include the following materials: carbon dioxide carbon monoxide sulfur oxides metal oxide/oxides
SureSelect Binding Buffer	Decomposition products may include the following materials:  halogenated compounds metal oxide/oxides
SureSelect Wash Buffer 1	No specific data.
SureSelect Wash Buffer 2	No specific data.

### 5.3 Advice for firefighters

#### Special precautions for fire-fighters

RNA Seq Fragmentation 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 Ligation Master 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.
RNA Seq Second-strand + End-Repair 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.
RNA Seq dA Tailing Master 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.
RNA Seq PCR Master 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.
RNA Seq First Strand Master 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.
Uracil DNA Glycosylase (UDG)	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 Oligo Adaptor 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 Primer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be

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8bp Indexes A01–H02	taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
RNA Seq ILM Reverse PCR Primer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
RNA Seq ILM Post-capture PCR Primer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
RNA Seq Second-strand + End-Repair Oligo Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without 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 Indexing Block 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 Block 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 Indexing Block 3	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 Hyb 3	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 Hyb 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 Hyb 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 Hyb 4	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureSelect Binding Buffer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureSelect Wash Buffer 1	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureSelect Wash Buffer 2	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
RNA Seq Fragmentation Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect Ligation Master Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
RNA Seq Second-strand + End-Repair 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. Clothing for

**Special protective equipment for fire-fighters**



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	fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
RNA Seq dA Tailing Master Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
RNA Seq PCR Master Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
RNA Seq First Strand Master Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
Uracil DNA Glycosylase (UDG)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect Oligo Adaptor Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect Primer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
8bp Indexes A01–H02	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
RNA Seq ILM Reverse PCR Primer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
RNA Seq ILM Post-capture PCR Primer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
RNA Seq Second-strand + End-Repair Oligo Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a

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SureSelect RNase Block	basic level of protection for chemical incidents. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect Indexing Block 1	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect Block 2	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect Indexing Block 3	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect Hyb 3	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect Hyb 1	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect Hyb 2	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect Hyb 4	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect Binding Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect Wash Buffer	Fire-fighters should wear appropriate protective equipment

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and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

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

**For non-emergency personnel**

: RNA Seq Fragmentation Mix	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect Ligation Master Mix	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
RNA Seq Second-strand + End-Repair Enzyme Mix	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
RNA Seq dA Tailing Master Mix	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
RNA Seq PCR Master Mix	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
RNA Seq First Strand Master Mix	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
Uracil DNA Glycosylase (UDG)	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect Oligo Adaptor Mix	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect Primer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
8bp Indexes A01–H02	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
RNA Seq ILM Reverse PCR Primer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering.

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RNA Seq ILM Post-capture PCR Primer	Do not touch or walk through spilt material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
RNA Seq Second-strand + End-Repair Oligo Mix	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect RNase Block	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect Indexing Block 1	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect Block 2	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect Indexing Block 3	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect Hyb 3	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect Hyb 1	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
SureSelect Hyb 2	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect Hyb 4	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect 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 spilt material. Put on appropriate personal protective equipment.
SureSelect Wash Buffer 1	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering.

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**For emergency responders**

SureSelect Wash Buffer 2	Do not touch or walk through spilt material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
RNA Seq Fragmentation Mix	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Ligation Master Mix	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
RNA Seq Second-strand + End-Repair Enzyme Mix	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
RNA Seq dA Tailing Master Mix	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
RNA Seq PCR Master Mix	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
RNA Seq First Strand Master Mix	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Uracil DNA Glycosylase (UDG)	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Oligo Adaptor Mix	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Primer	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
8bp Indexes A01–H02	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
RNA Seq ILM Reverse PCR Primer	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
RNA Seq ILM Post-capture PCR Primer	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
RNA Seq Second-strand + End-Repair Oligo Mix	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect RNase Block	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

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SureSelect Indexing Block 1	emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Block 2	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Indexing Block 3	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Hyb 3	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Hyb 1	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Hyb 2	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Hyb 4	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Binding Buffer	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Wash Buffer 1	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Wash Buffer 2	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

### 6.2 Environmental precautions

RNA Seq Fragmentation Mix	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Ligation Master Mix	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
RNA Seq Second-strand + End-Repair Enzyme Mix	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
RNA Seq dA Tailing Master Mix	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
RNA Seq PCR Master Mix	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

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RNA Seq First Strand Master Mix	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Uracil DNA Glycosylase (UDG)	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Oligo Adaptor Mix	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Primer	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
8bp Indexes A01–H02	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
RNA Seq ILM Reverse PCR Primer	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
RNA Seq ILM Post-capture PCR Primer	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
RNA Seq Second-strand + End-Repair Oligo Mix	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect RNase Block	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Indexing Block 1	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Block 2	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Indexing Block 3	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Hyb 3	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Hyb 1	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Hyb 2	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Hyb 4	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant

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	authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Binding Buffer	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Wash Buffer 1	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Wash Buffer 2	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### 6.3 Methods and material for containment and cleaning up

<b>Methods for cleaning up</b> :	RNA Seq Fragmentation Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureSelect Ligation Master 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.
	RNA Seq Second-strand + End-Repair 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.
	RNA Seq dA Tailing Master 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.
	RNA Seq PCR Master 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.
	RNA Seq First Strand Master 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.
	Uracil DNA Glycosylase (UDG)	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 Oligo Adaptor Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureSelect 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.



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8bp Indexes A01–H02	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
RNA Seq ILM Reverse PCR 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.
RNA Seq ILM Post-capture PCR 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.
RNA Seq Second-strand + End-Repair 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.
SureSelect RNase Block	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect Indexing Block 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 Block 2	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect Indexing Block 3	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 Hyb 3	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 Hyb 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 Hyb 2	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect Hyb 4	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,

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SureSelect Wash Buffer 1	or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an 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 disposal contractor.

**6.4 Reference to other sections** : See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

<b>Protective measures</b>	<ul style="list-style-type: none"> <li>RNA Seq Fragmentation Mix</li> <li>SureSelect Ligation Master Mix</li> <li>RNA Seq Second-strand + End-Repair Enzyme Mix</li> <li>RNA Seq dA Tailing Master Mix</li> <li>RNA Seq PCR Master Mix</li> <li>RNA Seq First Strand Master Mix</li> <li>Uracil DNA Glycosylase (UDG)</li> <li>SureSelect Oligo Adaptor Mix</li> <li>SureSelect Primer</li> <li>8bp Indexes A01–H02</li> <li>RNA Seq ILM Reverse PCR Primer</li> <li>RNA Seq ILM Post-capture PCR Primer</li> <li>RNA Seq Second-strand + End-Repair Oligo Mix</li> <li>SureSelect RNase Block</li> <li>SureSelect Indexing Block 1</li> <li>SureSelect Block 2</li> <li>SureSelect Indexing Block 3</li> <li>SureSelect Hyb 3</li> <li>SureSelect Hyb 1</li> </ul>	<ul style="list-style-type: none"> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>Put on appropriate personal protective equipment (see Section 8).</li> <li>Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a</li> </ul>
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## SECTION 7: Handling and storage

### Advice on general occupational hygiene

		compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
	SureSelect Hyb 2	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Hyb 4	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Binding Buffer	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Wash Buffer 1	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Wash Buffer 2	Put on appropriate personal protective equipment (see Section 8).
	RNA Seq Fragmentation 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 Ligation Master 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.
	RNA Seq Second-strand + End-Repair Enzyme Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	RNA Seq dA Tailing Master 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.
	RNA Seq PCR Master 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.
	RNA Seq First Strand Master 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.
	Uracil DNA Glycosylase (UDG)	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 Oligo Adaptor 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 Primer	Eating, drinking and smoking should be prohibited in areas

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8bp Indexes A01–H02	where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
RNA Seq ILM Reverse PCR Primer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
RNA Seq ILM Post-capture PCR Primer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
RNA Seq Second-strand + End-Repair Oligo Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
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 Indexing Block 1	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect Block 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 Indexing Block 3	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 Hyb 3	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 Hyb 1	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating,

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SureSelect Hyb 2	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.
SureSelect Hyb 4	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect Binding Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect Wash Buffer 1	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect Wash Buffer 2	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage

: RNA Seq Fragmentation Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect Ligation Master Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
RNA Seq Second-strand + End-Repair 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

## SECTION 7: Handling and storage

	prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
RNA Seq dA Tailing Master Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
RNA Seq PCR Master Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
RNA Seq First Strand Master Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
Uracil DNA Glycosylase (UDG)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect Oligo Adaptor Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect 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 unlabelled containers. Use appropriate containment to avoid environmental

## SECTION 7: Handling and storage

8bp Indexes A01–H02	contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
RNA Seq ILM Reverse PCR 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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
RNA Seq ILM Post-capture PCR 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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
RNA Seq Second-strand + End-Repair 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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect RNase Block	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect Indexing Block 1	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

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SureSelect Block 2	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect Indexing Block 3	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect Hyb 3	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect Hyb 1	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect Hyb 2	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect Hyb 4	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect Binding Buffer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and



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

### 7.3 Specific end use(s)

#### Recommendations

: RNA Seq Fragmentation Mix	Industrial applications, Professional applications.
SureSelect Ligation Master Mix	Industrial applications, Professional applications.
RNA Seq Second-strand + End-Repair Enzyme Mix	Industrial applications, Professional applications.
RNA Seq dA Tailing Master Mix	Industrial applications, Professional applications.
RNA Seq PCR Master Mix	Industrial applications, Professional applications.
RNA Seq First Strand Master Mix	Industrial applications, Professional applications.
Uracil DNA Glycosylase (UDG)	Industrial applications, Professional applications.
SureSelect Oligo Adaptor Mix	Industrial applications, Professional applications.
SureSelect Primer	Industrial applications, Professional applications.
8bp Indexes A01–H02	Industrial applications, Professional applications.
RNA Seq ILM Reverse PCR Primer	Industrial applications, Professional applications.
RNA Seq ILM Post-capture PCR Primer	Industrial applications, Professional applications.
RNA Seq Second-strand + End-Repair Oligo Mix	Industrial applications, Professional applications.
SureSelect RNase Block	Industrial applications, Professional applications.
SureSelect Indexing Block 1	Industrial applications, Professional applications.
SureSelect Block 2	Industrial applications, Professional applications.
SureSelect Indexing Block 3	Industrial applications, Professional applications.

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	SureSelect Hyb 3	Industrial applications, Professional applications.
	SureSelect Hyb 1	Industrial applications, Professional applications.
	SureSelect Hyb 2	Industrial applications, Professional applications.
	SureSelect Hyb 4	Industrial applications, Professional applications.
	SureSelect Binding Buffer	Industrial applications, Professional applications.
	SureSelect Wash Buffer 1	Industrial applications, Professional applications.
	SureSelect Wash Buffer 2	Industrial applications, Professional applications.
<b>Industrial sector specific solutions</b>	RNA Seq Fragmentation Mix	Not applicable.
	SureSelect Ligation Master Mix	Not applicable.
	RNA Seq Second-strand + End-Repair Enzyme Mix	Not applicable.
	RNA Seq dA Tailing Master Mix	Not applicable.
	RNA Seq PCR Master Mix	Not applicable.
	RNA Seq First Strand Master Mix	Not applicable.
	Uracil DNA Glycosylase (UDG)	Not applicable.
	SureSelect Oligo Adaptor Mix	Not applicable.
	SureSelect Primer 8bp Indexes A01–H02	Not applicable.
	RNA Seq ILM Reverse PCR Primer	Not applicable.
	RNA Seq ILM Post-capture PCR Primer	Not applicable.
	RNA Seq Second-strand + End-Repair Oligo Mix	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Indexing Block 1	Not applicable.
	SureSelect Block 2	Not applicable.
	SureSelect Indexing Block 3	Not applicable.
	SureSelect Hyb 3	Not applicable.
	SureSelect Hyb 1	Not applicable.
	SureSelect Hyb 2	Not applicable.
	SureSelect Hyb 4	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

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## SECTION 8: Exposure controls/personal protection

Product/ingredient name	Exposure limit values
<b>SureSelect Ligation Master Mix</b> Glycerol	<b>EH40/2005 WELs (United Kingdom (UK), 12/2011).</b> TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Mist
<b>RNA Seq Second-strand + End-Repair Enzyme Mix</b> Glycerol	<b>EH40/2005 WELs (United Kingdom (UK), 12/2011).</b> TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Mist
<b>RNA Seq dA Tailing Master Mix</b> Glycerol	<b>EH40/2005 WELs (United Kingdom (UK), 12/2011).</b> TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Mist
<b>RNA Seq PCR Master Mix</b> Glycerol	<b>EH40/2005 WELs (United Kingdom (UK), 12/2011).</b> TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Mist
<b>RNA Seq First Strand Master Mix</b> Glycerol	<b>EH40/2005 WELs (United Kingdom (UK), 12/2011).</b> TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Mist
<b>Uracil DNA Glycosylase (UDG)</b> Glycerol	<b>EH40/2005 WELs (United Kingdom (UK), 12/2011).</b> TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Mist
<b>RNA Seq Second-strand + End-Repair Oligo Mix</b> Glycerol	<b>EH40/2005 WELs (United Kingdom (UK), 12/2011).</b> TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Mist
<b>SureSelect RNase Block</b> Glycerol	<b>EH40/2005 WELs (United Kingdom (UK), 12/2011).</b> TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Mist

**Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### DNELs/DMELs

No DNELs/DMELs available.

### PNECs

No PNECs available

## 8.2 Exposure controls

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

### Individual protection measures

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## SECTION 8: Exposure controls/personal protection

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

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

<b>Physical state</b>	: RNA Seq	Liquid.
	Fragmentation Mix	
	SureSelect Ligation	Liquid.
	Master Mix	
	RNA Seq Second-strand + End-Repair	Liquid.
	Enzyme Mix	
	RNA Seq dA Tailing	Liquid.
	Master Mix	
	RNA Seq PCR Master	Liquid.
	Mix	
	RNA Seq First Strand	Liquid.
	Master Mix	
	Uracil DNA Glycosylase (UDG)	Liquid.
	SureSelect Oligo	Liquid.
	Adaptor Mix	
	SureSelect Primer	Liquid.
	8bp Indexes A01-H02	Liquid.
	RNA Seq ILM Reverse	Liquid.
	PCR Primer	
	RNA Seq ILM Post-capture PCR Primer	Liquid.
	RNA Seq Second-strand + End-Repair	Liquid.
	Oligo Mix	
	SureSelect RNase	Liquid.

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	Block	
	SureSelect Indexing	Liquid.
	Block 1	
	SureSelect Block 2	Liquid.
	SureSelect Indexing	Liquid.
	Block 3	
	SureSelect Hyb 3	Liquid.
	SureSelect Hyb 1	Liquid.
	SureSelect Hyb 2	Liquid.
	SureSelect Hyb 4	Liquid.
	SureSelect Binding	Liquid.
	Buffer	
	SureSelect Wash	Liquid.
	Buffer 1	
	SureSelect Wash	Liquid.
	Buffer 2	
<b>Colour</b>	: RNA Seq	Not available.
	Fragmentation Mix	
	SureSelect Ligation	Not available.
	Master Mix	
	RNA Seq Second-strand + End-Repair	Not available.
	Enzyme Mix	
	RNA Seq dA Tailing	Not available.
	Master Mix	
	RNA Seq PCR Master	Not available.
	Mix	
	RNA Seq First Strand	Not available.
	Master Mix	
	Uracil DNA Glycosylase (UDG)	Not available.
	SureSelect Oligo	Not available.
	Adaptor Mix	
	SureSelect Primer	Not available.
	8bp Indexes A01–H02	Not available.
	RNA Seq ILM Reverse	Not available.
	PCR Primer	
	RNA Seq ILM Post-capture PCR Primer	Not available.
	RNA Seq Second-strand + End-Repair	Not available.
	Oligo Mix	
	SureSelect RNase	Not available.
	Block	
	SureSelect Indexing	Not available.
	Block 1	
	SureSelect Block 2	Not available.
	SureSelect Indexing	Not available.
	Block 3	
	SureSelect Hyb 3	Not available.
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Not available.
	SureSelect Hyb 4	Not available.
	SureSelect Binding	Not available.
	Buffer	
	SureSelect Wash	Not available.
	Buffer 1	
	SureSelect Wash	Not available.
	Buffer 2	

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Odour	:	RNA Seq	Not available.	
		Fragmentation Mix		
		SureSelect Ligation Master Mix	Not available.	
		RNA Seq Second-strand + End-Repair Enzyme Mix	Not available.	
		RNA Seq dA Tailing Master Mix	Not available.	
		RNA Seq PCR Master Mix	Not available.	
		RNA Seq First Strand Master Mix	Not available.	
		Uracil DNA Glycosylase (UDG)	Not available.	
		SureSelect Oligo Adaptor Mix	Not available.	
		SureSelect Primer	Not available.	
		8bp Indexes A01–H02	Not available.	
		RNA Seq ILM Reverse PCR Primer	Not available.	
		RNA Seq ILM Post-capture PCR Primer	Not available.	
		RNA Seq Second-strand + End-Repair Oligo Mix	Not available.	
		SureSelect RNase Block	Not available.	
		SureSelect Indexing Block 1	Not available.	
		SureSelect Block 2	Not available.	
		SureSelect Indexing Block 3	Not available.	
		SureSelect Hyb 3	Not available.	
		SureSelect Hyb 1	Not available.	
		SureSelect Hyb 2	Not available.	
		SureSelect Hyb 4	Not available.	
		SureSelect Binding Buffer	Not available.	
		SureSelect Wash Buffer 1	Not available.	
		SureSelect Wash Buffer 2	Not available.	
	Odour threshold	:	RNA Seq	Not available.
			Fragmentation Mix	
			SureSelect Ligation Master Mix	Not available.
			RNA Seq Second-strand + End-Repair Enzyme Mix	Not available.
			RNA Seq dA Tailing Master Mix	Not available.
			RNA Seq PCR Master Mix	Not available.
			RNA Seq First Strand Master Mix	Not available.
			Uracil DNA Glycosylase (UDG)	Not available.
		SureSelect Oligo Adaptor Mix	Not available.	
		SureSelect Primer	Not available.	
		8bp Indexes A01–H02	Not available.	

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	RNA Seq ILM Reverse PCR Primer	Not available.
	RNA Seq ILM Post-capture PCR Primer	Not available.
	RNA Seq Second-strand + End-Repair Oligo Mix	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Indexing Block 1	Not available.
	SureSelect Block 2	Not available.
	SureSelect Indexing Block 3	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Not available.
	SureSelect Hyb 4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
pH	: RNA Seq Fragmentation Mix	8.3
	SureSelect Ligation Master Mix	7.5
	RNA Seq Second-strand + End-Repair Enzyme Mix	8.3
	RNA Seq dA Tailing Master Mix	7.5
	RNA Seq PCR Master Mix	8.8
	RNA Seq First Strand Master Mix	8.3
	Uracil DNA Glycosylase (UDG)	Not available.
	SureSelect Oligo Adaptor Mix	Not available.
	SureSelect Primer	7.5
	8bp Indexes A01-H02	7
	RNA Seq ILM Reverse PCR Primer	7
	RNA Seq ILM Post-capture PCR Primer	7
	RNA Seq Second-strand + End-Repair Oligo Mix	7.5
	SureSelect RNase Block	7.6
	SureSelect Indexing Block 1	Not available.
	SureSelect Block 2	Not available.
	SureSelect Indexing Block 3	Not available.
	SureSelect Hyb 3	7
	SureSelect Hyb 1	7.4
	SureSelect Hyb 2	8
	SureSelect Hyb 4	5.2 to 6.2
	SureSelect Binding	7.5

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	Buffer	
	SureSelect Wash	7
	Buffer 1	
	SureSelect Wash	7
	Buffer 2	
<b>Melting point/freezing point</b>	: RNA Seq	0°C
	Fragmentation Mix	
	SureSelect Ligation	Not available.
	Master Mix	
	RNA Seq Second-strand + End-Repair	Not available.
	Enzyme Mix	
	RNA Seq dA Tailing	Not available.
	Master Mix	
	RNA Seq PCR Master Mix	Not available.
	RNA Seq First Strand	Not available.
	Master Mix	
	Uracil DNA Glycosylase (UDG)	Not available.
	SureSelect Oligo	0°C
	Adaptor Mix	
	SureSelect Primer	0°C
	8bp Indexes A01–H02	0°C
	RNA Seq ILM Reverse	0°C
	PCR Primer	
	RNA Seq ILM Post-capture PCR Primer	0°C
	RNA Seq Second-strand + End-Repair	Not available.
	Oligo Mix	
	SureSelect RNase Block	Not available.
	SureSelect Indexing	0°C
	Block 1	
	SureSelect Block 2	0°C
	SureSelect Indexing	0°C
	Block 3	
	SureSelect Hyb 3	0°C
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Not available.
	SureSelect Hyb 4	0°C
	SureSelect Binding	Not available.
	Buffer	
	SureSelect Wash	0°C
	Buffer 1	
	SureSelect Wash	0°C
	Buffer 2	
<b>Initial boiling point and boiling range</b>	: RNA Seq	100°C
	Fragmentation Mix	
	SureSelect Ligation	Not available.
	Master Mix	
	RNA Seq Second-strand + End-Repair	Not available.
	Enzyme Mix	
	RNA Seq dA Tailing	Not available.
	Master Mix	
	RNA Seq PCR Master Mix	Not available.
	RNA Seq First Strand	Not available.
	Master Mix	



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	Uracil DNA Glycosylase (UDG)	Not available.
	SureSelect Oligo Adaptor Mix	100°C
	SureSelect Primer	100°C
	8bp Indexes A01–H02	100°C
	RNA Seq ILM Reverse PCR Primer	100°C
	RNA Seq ILM Post-capture PCR Primer	100°C
	RNA Seq Second-strand + End-Repair Oligo Mix	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Indexing Block 1	100°C
	SureSelect Block 2	100°C
	SureSelect Indexing Block 3	100°C
	SureSelect Hyb 3	100°C
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Not available.
	SureSelect Hyb 4	100°C
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	100°C
	SureSelect Wash Buffer 2	100°C
<b>Flash point</b>	: RNA Seq Fragmentation Mix	Not available.
	SureSelect Ligation Master Mix	Not available.
	RNA Seq Second-strand + End-Repair Enzyme Mix	Not available.
	RNA Seq dA Tailing Master Mix	Not available.
	RNA Seq PCR Master Mix	Not available.
	RNA Seq First Strand Master Mix	Not available.
	Uracil DNA Glycosylase (UDG)	Not available.
	SureSelect Oligo Adaptor Mix	Not available.
	SureSelect Primer	Not available.
	8bp Indexes A01–H02	Not available.
	RNA Seq ILM Reverse PCR Primer	Not available.
	RNA Seq ILM Post-capture PCR Primer	Not available.
	RNA Seq Second-strand + End-Repair Oligo Mix	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Indexing Block 1	Not available.
	SureSelect Block 2	Not available.
	SureSelect Indexing	Not available.

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	Block 3	
	SureSelect Hyb 3	Not available.
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Not available.
	SureSelect Hyb 4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
<b>Evaporation rate</b>	: RNA Seq	Not available.
	Fragmentation Mix	
	SureSelect Ligation Master Mix	Not available.
	RNA Seq Second-strand + End-Repair Enzyme Mix	Not available.
	RNA Seq dA Tailing Master Mix	Not available.
	RNA Seq PCR Master Mix	Not available.
	RNA Seq First Strand Master Mix	Not available.
	Uracil DNA Glycosylase (UDG)	Not available.
	SureSelect Oligo Adaptor Mix	Not available.
	SureSelect Primer 8bp Indexes A01–H02	Not available.
	RNA Seq ILM Reverse PCR Primer	Not available.
	RNA Seq ILM Post-capture PCR Primer	Not available.
	RNA Seq Second-strand + End-Repair Oligo Mix	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Indexing Block 1	Not available.
	SureSelect Block 2	Not available.
	SureSelect Indexing Block 3	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Not available.
	SureSelect Hyb 4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
<b>Flammability (solid, gas)</b>	: RNA Seq	Not applicable.
	Fragmentation Mix	
	SureSelect Ligation Master Mix	Not applicable.
	RNA Seq Second-strand + End-Repair Enzyme Mix	Not applicable.

SureSelect<sup>XT</sup> RNA Direct 16 rxns, Part Number G7564A

## SECTION 9: Physical and chemical properties

	RNA Seq dA Tailing Master Mix	Not applicable.
	RNA Seq PCR Master Mix	Not applicable.
	RNA Seq First Strand Master Mix	Not applicable.
	Uracil DNA Glycosylase (UDG)	Not applicable.
	SureSelect Oligo Adaptor Mix	Not applicable.
	SureSelect Primer	Not applicable.
	8bp Indexes A01–H02	Not applicable.
	RNA Seq ILM Reverse PCR Primer	Not applicable.
	RNA Seq ILM Post-capture PCR Primer	Not applicable.
	RNA Seq Second-strand + End-Repair Oligo Mix	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Indexing Block 1	Not applicable.
	SureSelect Block 2	Not applicable.
	SureSelect Indexing Block 3	Not applicable.
	SureSelect Hyb 3	Not applicable.
	SureSelect Hyb 1	Not applicable.
	SureSelect Hyb 2	Not applicable.
	SureSelect Hyb 4	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	RNA Seq Fragmentation Mix	Not available.
	SureSelect Ligation Master Mix	Not available.
	RNA Seq Second-strand + End-Repair Enzyme Mix	Not available.
	RNA Seq dA Tailing Master Mix	Not available.
	RNA Seq PCR Master Mix	Not available.
	RNA Seq First Strand Master Mix	Not available.
	Uracil DNA Glycosylase (UDG)	Not available.
	SureSelect Oligo Adaptor Mix	Not available.
	SureSelect Primer	Not available.
	8bp Indexes A01–H02	Not available.
	RNA Seq ILM Reverse PCR Primer	Not available.
	RNA Seq ILM Post-capture PCR Primer	Not available.
	RNA Seq Second-strand + End-Repair	Not available.

SureSelect<sup>XT</sup> RNA Direct 16 rxns, Part Number G7564A

## SECTION 9: Physical and chemical properties

	Oligo Mix	
	SureSelect RNase Block	Not available.
	SureSelect Indexing Block 1	Not available.
	SureSelect Block 2	Not available.
	SureSelect Indexing Block 3	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Not available.
	SureSelect Hyb 4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
<b>Vapour pressure</b>	: RNA Seq	Not available.
	Fragmentation Mix	
	SureSelect Ligation Master Mix	Not available.
	RNA Seq Second-strand + End-Repair Enzyme Mix	Not available.
	RNA Seq dA Tailing Master Mix	Not available.
	RNA Seq PCR Master Mix	Not available.
	RNA Seq First Strand Master Mix	Not available.
	Uracil DNA Glycosylase (UDG)	Not available.
	SureSelect Oligo Adaptor Mix	Not available.
	SureSelect Primer	Not available.
	8bp Indexes A01–H02	Not available.
	RNA Seq ILM Reverse PCR Primer	Not available.
	RNA Seq ILM Post-capture PCR Primer	Not available.
	RNA Seq Second-strand + End-Repair Oligo Mix	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Indexing Block 1	Not available.
	SureSelect Block 2	Not available.
	SureSelect Indexing Block 3	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Not available.
	SureSelect Hyb 4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.



SureSelect<sup>XT</sup> RNA Direct 16 rxns, Part Number G7564A

## SECTION 9: Physical and chemical properties

	RNA Seq ILM Reverse PCR Primer	Not available.
	RNA Seq ILM Post-capture PCR Primer	Not available.
	RNA Seq Second-strand + End-Repair Oligo Mix	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Indexing Block 1	Not available.
	SureSelect Block 2	Not available.
	SureSelect Indexing Block 3	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Not available.
	SureSelect Hyb 4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
<b>Solubility(ies)</b>	: RNA Seq Fragmentation Mix	Easily soluble in the following materials: cold water and hot water.
	SureSelect Ligation Master Mix	Soluble in the following materials: cold water and hot water.
	RNA Seq Second-strand + End-Repair Enzyme Mix	Soluble in the following materials: cold water and hot water.
	RNA Seq dA Tailing Master Mix	Soluble in the following materials: cold water and hot water.
	RNA Seq PCR Master Mix	Soluble in the following materials: cold water and hot water.
	RNA Seq First Strand Master Mix	Soluble in the following materials: cold water and hot water.
	Uracil DNA Glycosylase (UDG)	Soluble in the following materials: cold water and hot water.
	SureSelect Oligo Adaptor Mix	Easily soluble in the following materials: cold water and hot water.
	SureSelect Primer	Easily soluble in the following materials: cold water and hot water.
	8bp Indexes A01–H02	Easily soluble in the following materials: cold water and hot water.
	RNA Seq ILM Reverse PCR Primer	Easily soluble in the following materials: cold water and hot water.
	RNA Seq ILM Post-capture PCR Primer	Easily soluble in the following materials: cold water and hot water.
	RNA Seq Second-strand + End-Repair Oligo Mix	Soluble in the following materials: cold water and hot water.
	SureSelect RNase Block	Soluble in the following materials: cold water and hot water.
	SureSelect Indexing Block 1	Easily soluble in the following materials: cold water and hot water.
	SureSelect Block 2	Easily soluble in the following materials: cold water and hot water.
	SureSelect Indexing Block 3	Easily soluble in the following materials: cold water and hot water.
	SureSelect Hyb 3	Easily soluble in the following materials: cold water and hot water.

SureSelect<sup>XT</sup> RNA Direct 16 rxns, Part Number G7564A

## SECTION 9: Physical and chemical properties

Partition coefficient: n-octanol/water

SureSelect Hyb 1	Easily soluble in the following materials: cold water and hot water.
SureSelect Hyb 2	Easily soluble in the following materials: cold water and hot water.
SureSelect Hyb 4	Easily soluble in the following materials: cold water and hot water.
SureSelect Binding Buffer	Easily soluble in the following materials: cold water and hot water.
SureSelect Wash Buffer 1	Easily soluble in the following materials: cold water and hot water.
SureSelect Wash Buffer 2	Easily soluble in the following materials: cold water and hot water.
RNA Seq Fragmentation Mix	Not available.
SureSelect Ligation Master Mix	Not available.
RNA Seq Second-strand + End-Repair Enzyme Mix	Not available.
RNA Seq dA Tailing Master Mix	Not available.
RNA Seq PCR Master Mix	Not available.
RNA Seq First Strand Master Mix	Not available.
Uracil DNA Glycosylase (UDG)	Not available.
SureSelect Oligo Adaptor Mix	Not available.
SureSelect Primer 8bp Indexes A01–H02	Not available.
RNA Seq ILM Reverse PCR Primer	Not available.
RNA Seq ILM Post-capture PCR Primer	Not available.
RNA Seq Second-strand + End-Repair Oligo Mix	Not available.
SureSelect RNase Block	Not available.
SureSelect Indexing Block 1	Not available.
SureSelect Block 2	Not available.
SureSelect Indexing Block 3	Not available.
SureSelect Hyb 3	Not available.
SureSelect Hyb 1	Not available.
SureSelect Hyb 2	Not available.
SureSelect Hyb 4	Not available.
SureSelect Binding Buffer	Not available.
SureSelect Wash Buffer 1	Not available.
SureSelect Wash Buffer 2	Not available.

SureSelect<sup>XT</sup> RNA Direct 16 rxns, Part Number G7564A

## SECTION 9: Physical and chemical properties

<b>Auto-ignition temperature</b>	:	RNA Seq	Not available.		
		Fragmentation Mix			
		SureSelect Ligation Master Mix	Not available.		
		RNA Seq Second-strand + End-Repair Enzyme Mix	Not available.		
		RNA Seq dA Tailing Master Mix	Not available.		
		RNA Seq PCR Master Mix	Not available.		
		RNA Seq First Strand Master Mix	Not available.		
		Uracil DNA Glycosylase (UDG)	Not available.		
		SureSelect Oligo Adaptor Mix	Not available.		
		SureSelect Primer	Not available.		
		8bp Indexes A01–H02	Not available.		
		RNA Seq ILM Reverse PCR Primer	Not available.		
		RNA Seq ILM Post-capture PCR Primer	Not available.		
		RNA Seq Second-strand + End-Repair Oligo Mix	Not available.		
		SureSelect RNase Block	Not available.		
		SureSelect Indexing Block 1	Not available.		
		SureSelect Block 2	Not available.		
		SureSelect Indexing Block 3	Not available.		
		SureSelect Hyb 3	Not available.		
		SureSelect Hyb 1	Not available.		
		SureSelect Hyb 2	Not available.		
		SureSelect Hyb 4	Not available.		
		SureSelect Binding Buffer	Not available.		
		SureSelect Wash Buffer 1	Not available.		
		SureSelect Wash Buffer 2	Not available.		
		<b>Decomposition temperature</b>	:	RNA Seq	Not available.
				Fragmentation Mix	
				SureSelect Ligation Master Mix	Not available.
				RNA Seq Second-strand + End-Repair Enzyme Mix	Not available.
				RNA Seq dA Tailing Master Mix	Not available.
				RNA Seq PCR Master Mix	Not available.
				RNA Seq First Strand Master Mix	Not available.
				Uracil DNA Glycosylase (UDG)	Not available.
SureSelect Oligo Adaptor Mix	Not available.				
SureSelect Primer	Not available.				
8bp Indexes A01–H02	Not available.				



SureSelect<sup>XT</sup> RNA Direct 16 rxns, Part Number G7564A

## SECTION 9: Physical and chemical properties

	RNA Seq ILM Reverse PCR Primer	Not available.
	RNA Seq ILM Post-capture PCR Primer	Not available.
	RNA Seq Second-strand + End-Repair Oligo Mix	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Indexing Block 1	Not available.
	SureSelect Block 2	Not available.
	SureSelect Indexing Block 3	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Not available.
	SureSelect Hyb 4	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
<b>Viscosity</b>	: RNA Seq Fragmentation Mix	Not available.
	SureSelect Ligation Master Mix	Not available.
	RNA Seq Second-strand + End-Repair Enzyme Mix	Not available.
	RNA Seq dA Tailing Master Mix	Not available.
	RNA Seq PCR Master Mix	Not available.
	RNA Seq First Strand Master Mix	Not available.
	Uracil DNA Glycosylase (UDG)	Not available.
	SureSelect Oligo Adaptor Mix	Not available.
	SureSelect Primer	Not available.
	8bp Indexes A01–H02	Not available.
	RNA Seq ILM Reverse PCR Primer	Not available.
	RNA Seq ILM Post-capture PCR Primer	Not available.
	RNA Seq Second-strand + End-Repair Oligo Mix	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Indexing Block 1	Not available.
	SureSelect Block 2	Not available.
	SureSelect Indexing Block 3	Not available.
	SureSelect Hyb 3	Not available.
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Not available.
	SureSelect Hyb 4	Not available.
	SureSelect Binding	Not available.

SureSelect<sup>XT</sup> RNA Direct 16 rxns, Part Number G7564A

## SECTION 9: Physical and chemical properties

	Buffer	
	SureSelect Wash	Not available.
	Buffer 1	
	SureSelect Wash	Not available.
	Buffer 2	
<b>Explosive properties</b>	: RNA Seq	Not available.
	Fragmentation Mix	
	SureSelect Ligation	Not available.
	Master Mix	
	RNA Seq Second-strand + End-Repair	Not available.
	Enzyme Mix	
	RNA Seq dA Tailing	Not available.
	Master Mix	
	RNA Seq PCR Master	Not available.
	Mix	
	RNA Seq First Strand	Not available.
	Master Mix	
	Uracil DNA Glycosylase (UDG)	Not available.
	SureSelect Oligo	Not available.
	Adaptor Mix	
	SureSelect Primer	Not available.
	8bp Indexes A01–H02	Not available.
	RNA Seq ILM Reverse	Not available.
	PCR Primer	
	RNA Seq ILM Post-capture PCR Primer	Not available.
	RNA Seq Second-strand + End-Repair	Not available.
	Oligo Mix	
	SureSelect RNase	Not available.
	Block	
	SureSelect Indexing	Not available.
	Block 1	
	SureSelect Block 2	Not available.
	SureSelect Indexing	Not available.
	Block 3	
	SureSelect Hyb 3	Not available.
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Not available.
	SureSelect Hyb 4	Not available.
	SureSelect Binding	Not available.
	Buffer	
	SureSelect Wash	Not available.
	Buffer 1	
	SureSelect Wash	Not available.
	Buffer 2	
<b>Oxidising properties</b>	: RNA Seq	Not available.
	Fragmentation Mix	
	SureSelect Ligation	Not available.
	Master Mix	
	RNA Seq Second-strand + End-Repair	Not available.
	Enzyme Mix	
	RNA Seq dA Tailing	Not available.
	Master Mix	
	RNA Seq PCR Master	Not available.
	Mix	
	RNA Seq First Strand	Not available.
	Master Mix	

SureSelect<sup>XT</sup> RNA Direct 16 rxns, Part Number G7564A

## SECTION 9: Physical and chemical properties

Uracil DNA Glycosylase (UDG)	Not available.
SureSelect Oligo Adaptor Mix	Not available.
SureSelect Primer	Not available.
8bp Indexes A01–H02	Not available.
RNA Seq ILM Reverse PCR Primer	Not available.
RNA Seq ILM Post-capture PCR Primer	Not available.
RNA Seq Second-strand + End-Repair Oligo Mix	Not available.
SureSelect RNase Block	Not available.
SureSelect Indexing Block 1	Not available.
SureSelect Block 2	Not available.
SureSelect Indexing Block 3	Not available.
SureSelect Hyb 3	Not available.
SureSelect Hyb 1	Not available.
SureSelect Hyb 2	Not available.
SureSelect Hyb 4	Not available.
SureSelect Binding Buffer	Not available.
SureSelect Wash Buffer 1	Not available.
SureSelect Wash Buffer 2	Not available.

### 9.2 Other information

No additional information.

## SECTION 10: Stability and reactivity

<b>10.1 Reactivity</b>	:	RNA Seq Fragmentation Mix	No specific test data related to reactivity available for this product or its ingredients.
		SureSelect Ligation Master Mix	No specific test data related to reactivity available for this product or its ingredients.
		RNA Seq Second-strand + End-Repair Enzyme Mix	No specific test data related to reactivity available for this product or its ingredients.
		RNA Seq dA Tailing Master Mix	No specific test data related to reactivity available for this product or its ingredients.
		RNA Seq PCR Master Mix	No specific test data related to reactivity available for this product or its ingredients.
		RNA Seq First Strand Master Mix	No specific test data related to reactivity available for this product or its ingredients.
		Uracil DNA Glycosylase (UDG)	No specific test data related to reactivity available for this product or its ingredients.
		SureSelect Oligo Adaptor Mix	No specific test data related to reactivity available for this product or its ingredients.
		SureSelect Primer	No specific test data related to reactivity available for this product or its ingredients.
		8bp Indexes A01–H02	No specific test data related to reactivity available for this product or its ingredients.
		RNA Seq ILM Reverse PCR Primer	No specific test data related to reactivity available for this product or its ingredients.
		RNA Seq ILM Post-capture PCR Primer	No specific test data related to reactivity available for this product or its ingredients.

SureSelect<sup>XT</sup> RNA Direct 16 rxns, Part Number G7564A

## SECTION 10: Stability and reactivity

RNA Seq Second-strand + End-Repair Oligo Mix	No specific test data related to reactivity available for this product or its ingredients.
SureSelect RNase Block	No specific test data related to reactivity available for this product or its ingredients.
SureSelect Indexing Block 1	No specific test data related to reactivity available for this product or its ingredients.
SureSelect Block 2	No specific test data related to reactivity available for this product or its ingredients.
SureSelect Indexing Block 3	No specific test data related to reactivity available for this product or its ingredients.
SureSelect Hyb 3	No specific test data related to reactivity available for this product or its ingredients.
SureSelect Hyb 1	No specific test data related to reactivity available for this product or its ingredients.
SureSelect Hyb 2	No specific test data related to reactivity available for this product or its ingredients.
SureSelect Hyb 4	No specific test data related to reactivity available for this product or its ingredients.
SureSelect Binding Buffer	No specific test data related to reactivity available for this product or its ingredients.
SureSelect Wash Buffer 1	No specific test data related to reactivity available for this product or its ingredients.
SureSelect Wash Buffer 2	No specific test data related to reactivity available for this product or its ingredients.

### 10.2 Chemical stability

RNA Seq Fragmentation Mix	The product is stable.
SureSelect Ligation Master Mix	The product is stable.
RNA Seq Second-strand + End-Repair Enzyme Mix	The product is stable.
RNA Seq dA Tailing Master Mix	The product is stable.
RNA Seq PCR Master Mix	The product is stable.
RNA Seq First Strand Master Mix	The product is stable.
Uracil DNA Glycosylase (UDG)	The product is stable.
SureSelect Oligo Adaptor Mix	The product is stable.
SureSelect Primer	The product is stable.
8bp Indexes A01-H02	The product is stable.
RNA Seq ILM Reverse PCR Primer	The product is stable.
RNA Seq ILM Post-capture PCR Primer	The product is stable.
RNA Seq Second-strand + End-Repair Oligo Mix	The product is stable.
SureSelect RNase Block	The product is stable.
SureSelect Indexing Block 1	The product is stable.
SureSelect Block 2	The product is stable.
SureSelect Indexing Block 3	The product is stable.
SureSelect Hyb 3	The product is stable.
SureSelect Hyb 1	The product is stable.
SureSelect Hyb 2	The product is stable.
SureSelect Hyb 4	The product is stable.
SureSelect Binding	The product is stable.

SureSelect<sup>XT</sup> RNA Direct 16 rxns, Part Number G7564A

## SECTION 10: Stability and reactivity

Buffer	
SureSelect Wash Buffer 1	The product is stable.
SureSelect Wash Buffer 2	The product is stable.

### 10.3 Possibility of hazardous reactions

RNA Seq Fragmentation Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Ligation Master Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
RNA Seq Second-strand + End-Repair Enzyme Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
RNA Seq dA Tailing Master Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
RNA Seq PCR Master Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
RNA Seq First Strand Master Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
Uracil DNA Glycosylase (UDG)	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Oligo Adaptor Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Primer	Under normal conditions of storage and use, hazardous reactions will not occur.
8bp Indexes A01–H02	Under normal conditions of storage and use, hazardous reactions will not occur.
RNA Seq ILM Reverse PCR Primer	Under normal conditions of storage and use, hazardous reactions will not occur.
RNA Seq ILM Post-capture PCR Primer	Under normal conditions of storage and use, hazardous reactions will not occur.
RNA Seq Second-strand + End-Repair Oligo Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect RNase Block	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Indexing Block 1	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Block 2	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Indexing Block 3	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Hyb 3	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Hyb 1	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Hyb 2	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Hyb 4	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Binding Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Wash Buffer 1	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect Wash Buffer 2	Under normal conditions of storage and use, hazardous reactions will not occur.

**SureSelect<sup>XT</sup> RNA Direct 16 rxns, Part Number G7564A**

## SECTION 10: Stability and reactivity

<b>10.4 Conditions to avoid</b>	:	<input checked="" type="checkbox"/>	RNA Seq Fragmentation Mix	No specific data.
			SureSelect Ligation Master Mix	No specific data.
			RNA Seq Second-strand + End-Repair Enzyme Mix	No specific data.
			RNA Seq dA Tailing Master Mix	No specific data.
			RNA Seq PCR Master Mix	No specific data.
			RNA Seq First Strand Master Mix	No specific data.
			Uracil DNA Glycosylase (UDG)	No specific data.
			SureSelect Oligo Adaptor Mix	No specific data.
			SureSelect Primer	No specific data.
			8bp Indexes A01–H02	No specific data.
			RNA Seq ILM Reverse PCR Primer	No specific data.
			RNA Seq ILM Post-capture PCR Primer	No specific data.
			RNA Seq Second-strand + End-Repair Oligo Mix	No specific data.
			SureSelect RNase Block	No specific data.
			SureSelect Indexing Block 1	No specific data.
			SureSelect Block 2	No specific data.
			SureSelect Indexing Block 3	No specific data.
			SureSelect Hyb 3	No specific data.
			SureSelect Hyb 1	No specific data.
			SureSelect Hyb 2	No specific data.
			SureSelect Hyb 4	No specific data.
			SureSelect Binding Buffer	No specific data.
			SureSelect Wash Buffer 1	No specific data.
			SureSelect Wash Buffer 2	No specific data.
<b>10.5 Incompatible materials</b>	:	<input checked="" type="checkbox"/>	RNA Seq Fragmentation Mix	May react or be incompatible with oxidising materials.
			SureSelect Ligation Master Mix	May react or be incompatible with oxidising materials.
			RNA Seq Second-strand + End-Repair Enzyme Mix	May react or be incompatible with oxidising materials.
			RNA Seq dA Tailing Master Mix	May react or be incompatible with oxidising materials.
			RNA Seq PCR Master Mix	May react or be incompatible with oxidising materials.
			RNA Seq First Strand Master Mix	May react or be incompatible with oxidising materials.
			Uracil DNA Glycosylase (UDG)	May react or be incompatible with oxidising materials.
			SureSelect Oligo Adaptor Mix	May react or be incompatible with oxidising materials.
			SureSelect Primer	May react or be incompatible with oxidising materials.
			8bp Indexes A01–H02	May react or be incompatible with oxidising materials.

SureSelect<sup>XT</sup> RNA Direct 16 rxns, Part Number G7564A

## SECTION 10: Stability and reactivity

RNA Seq ILM Reverse PCR Primer	May react or be incompatible with oxidising materials.
RNA Seq ILM Post-capture PCR Primer	May react or be incompatible with oxidising materials.
RNA Seq Second-strand + End-Repair Oligo Mix	May react or be incompatible with oxidising materials.
SureSelect RNase Block	May react or be incompatible with oxidising materials.
SureSelect Indexing Block 1	May react or be incompatible with oxidising materials.
SureSelect Block 2	May react or be incompatible with oxidising materials.
SureSelect Indexing Block 3	May react or be incompatible with oxidising materials.
SureSelect Hyb 3	May react or be incompatible with oxidising materials.
SureSelect Hyb 1	May react or be incompatible with oxidising materials.
SureSelect Hyb 2	May react or be incompatible with oxidising materials.
SureSelect Hyb 4	May react or be incompatible with oxidising materials.
SureSelect Binding Buffer	May react or be incompatible with oxidising materials.
SureSelect Wash Buffer 1	May react or be incompatible with oxidising materials.
SureSelect Wash Buffer 2	May react or be incompatible with oxidising materials.

### 10.6 Hazardous decomposition products

RNA Seq Fragmentation Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Ligation Master Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
RNA Seq Second-strand + End-Repair Enzyme Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
RNA Seq dA Tailing Master Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
RNA Seq PCR Master Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
RNA Seq First Strand Master Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Uracil DNA Glycosylase (UDG)	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Oligo Adaptor Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Primer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
8bp Indexes A01–H02	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
RNA Seq ILM Reverse PCR Primer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
RNA Seq ILM Post-capture PCR Primer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
RNA Seq Second-strand + End-Repair Oligo Mix	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 Indexing Block 1	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Block 2	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Indexing Block 3	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Hyb 3	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Hyb 1	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect<sup>XT</sup> RNA Direct 16 rxns, Part Number G7564A

## SECTION 10: Stability and reactivity

SureSelect Hyb 2	decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect Hyb 4	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.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
<b>SureSelect Hyb 1</b> Sodium chloride	LD50 Oral	Rat	3000 mg/kg	-
<b>SureSelect Hyb 2</b> Disodium dihydrogen ethylenediaminetetraacetate	LD50 Oral	Rat	2 g/kg	-
<b>SureSelect Hyb 4</b> Sulfuric acid monododecyl ester sodium salt (1:1)	LD50 Oral	Rat	1288 mg/kg	-
<b>SureSelect Binding Buffer</b> Sodium chloride	LD50 Oral	Rat	3000 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
<b>SureSelect Hyb 1</b> Sodium chloride	Eyes - Moderate irritant	Rabbit	-	24 hours 100 milligrams	-
	Eyes - Moderate irritant	Rabbit	-	10 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
<b>SureSelect Binding Buffer</b> Sodium chloride	Eyes - Moderate irritant	Rabbit	-	24 hours 100 milligrams	-
	Eyes - Moderate irritant	Rabbit	-	10 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-

#### Sensitiser

<b>Conclusion/Summary</b>	: Not available.
<b>Information on likely routes of exposure</b>	: <input checked="" type="checkbox"/> RNA Seq Fragmentation Mix Not available.
	SureSelect Ligation Master Mix Routes of entry anticipated: Oral, Dermal, Inhalation.
	RNA Seq Second-strand + End-Repair Enzyme Mix Routes of entry anticipated: Oral, Dermal, Inhalation.
	RNA Seq dA Tailing Master Mix Routes of entry anticipated: Oral, Dermal, Inhalation.
	RNA Seq PCR Master Mix Not available.



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RNA Seq First Strand Master Mix	Routes of entry anticipated: Oral, Dermal, Inhalation.
Uracil DNA Glycosylase (UDG)	Routes of entry anticipated: Oral, Dermal, Inhalation.
SureSelect Oligo Adaptor Mix	Not available.
SureSelect Primer 8bp Indexes A01–H02	Not available.
RNA Seq ILM Reverse PCR Primer	Not available.
RNA Seq ILM Post-capture PCR Primer	Not available.
RNA Seq Second-strand + End-Repair Oligo Mix	Routes of entry anticipated: Oral, Dermal, Inhalation.
SureSelect RNase Block	Routes of entry anticipated: Oral, Dermal, Inhalation.
SureSelect Indexing Block 1	Not available.
SureSelect Block 2	Not available.
SureSelect Indexing Block 3	Not available.
SureSelect Hyb 3	Not available.
SureSelect Hyb 1	Routes of entry anticipated: Oral, Dermal, Inhalation.
SureSelect Hyb 2	Not available.
SureSelect Hyb 4	Routes of entry anticipated: Oral, Dermal, Inhalation.
SureSelect Binding Buffer	Not available.
SureSelect Wash Buffer 1	Not available.
SureSelect Wash Buffer 2	Not available.

### Potential acute health effects

#### Inhalation

RNA Seq Fragmentation Mix	No known significant effects or critical hazards.
SureSelect Ligation Master Mix	No known significant effects or critical hazards.
RNA Seq Second-strand + End-Repair Enzyme Mix	No known significant effects or critical hazards.
RNA Seq dA Tailing Master Mix	No known significant effects or critical hazards.
RNA Seq PCR Master Mix	No known significant effects or critical hazards.
RNA Seq First Strand Master Mix	No known significant effects or critical hazards.
Uracil DNA Glycosylase (UDG)	No known significant effects or critical hazards.
SureSelect Oligo Adaptor Mix	No known significant effects or critical hazards.
SureSelect Primer 8bp Indexes A01–H02	No known significant effects or critical hazards.
RNA Seq ILM Reverse PCR Primer	No known significant effects or critical hazards.
RNA Seq ILM Post-capture PCR Primer	No known significant effects or critical hazards.
RNA Seq Second-strand + End-Repair Oligo Mix	No known significant effects or critical hazards.
SureSelect RNase Block	No known significant effects or critical hazards.
SureSelect Indexing Block 1	No known significant effects or critical hazards.
SureSelect Block 2	No known significant effects or critical hazards.
SureSelect Indexing	No known significant effects or critical hazards.

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	Block 3	
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect Hyb 1	No known significant effects or critical hazards.
	SureSelect Hyb 2	No known significant effects or critical hazards.
	SureSelect Hyb 4	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.
<b>Ingestion</b>	: RNA Seq Fragmentation Mix	No known significant effects or critical hazards.
	SureSelect Ligation Master Mix	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Enzyme Mix	No known significant effects or critical hazards.
	RNA Seq dA Tailing Master Mix	No known significant effects or critical hazards.
	RNA Seq PCR Master Mix	No known significant effects or critical hazards.
	RNA Seq First Strand Master Mix	No known significant effects or critical hazards.
	Uracil DNA Glycosylase (UDG)	No known significant effects or critical hazards.
	SureSelect Oligo Adaptor Mix	No known significant effects or critical hazards.
	SureSelect Primer 8bp Indexes A01–H02	No known significant effects or critical hazards.
	RNA Seq ILM Reverse PCR Primer	No known significant effects or critical hazards.
	RNA Seq ILM Post-capture PCR Primer	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Oligo Mix	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Indexing Block 1	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Indexing Block 3	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect Hyb 1	No known significant effects or critical hazards.
	SureSelect Hyb 2	No known significant effects or critical hazards.
	SureSelect Hyb 4	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.
<b>Skin contact</b>	: RNA Seq Fragmentation Mix	No known significant effects or critical hazards.
	SureSelect Ligation Master Mix	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Enzyme Mix	No known significant effects or critical hazards.
	RNA Seq dA Tailing Master Mix	No known significant effects or critical hazards.
	RNA Seq PCR Master	No known significant effects or critical hazards.

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	Mix	
	RNA Seq First Strand Master Mix	No known significant effects or critical hazards.
	Uracil DNA Glycosylase (UDG)	No known significant effects or critical hazards.
	SureSelect Oligo Adaptor Mix	No known significant effects or critical hazards.
	SureSelect Primer	No known significant effects or critical hazards.
	8bp Indexes A01–H02	No known significant effects or critical hazards.
	RNA Seq ILM Reverse PCR Primer	No known significant effects or critical hazards.
	RNA Seq ILM Post-capture PCR Primer	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Oligo Mix	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Indexing Block 1	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Indexing Block 3	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect Hyb 1	No known significant effects or critical hazards.
	SureSelect Hyb 2	No known significant effects or critical hazards.
	SureSelect Hyb 4	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.
<b>Eye contact</b>	: RNA Seq Fragmentation Mix	No known significant effects or critical hazards.
	SureSelect Ligation Master Mix	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Enzyme Mix	No known significant effects or critical hazards.
	RNA Seq dA Tailing Master Mix	No known significant effects or critical hazards.
	RNA Seq PCR Master Mix	No known significant effects or critical hazards.
	RNA Seq First Strand Master Mix	No known significant effects or critical hazards.
	Uracil DNA Glycosylase (UDG)	No known significant effects or critical hazards.
	SureSelect Oligo Adaptor Mix	No known significant effects or critical hazards.
	SureSelect Primer	No known significant effects or critical hazards.
	8bp Indexes A01–H02	No known significant effects or critical hazards.
	RNA Seq ILM Reverse PCR Primer	No known significant effects or critical hazards.
	RNA Seq ILM Post-capture PCR Primer	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Oligo Mix	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Indexing Block 1	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Indexing Block 3	No known significant effects or critical hazards.

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SureSelect Hyb 3	No known significant effects or critical hazards.
SureSelect Hyb 1	Causes serious eye irritation.
SureSelect Hyb 2	No known significant effects or critical hazards.
SureSelect Hyb 4	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.

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

<b>Inhalation</b>	:	RNA Seq Fragmentation Mix	No specific data.	
		SureSelect Ligation Master Mix	No specific data.	
		RNA Seq Second-strand + End-Repair Enzyme Mix	No specific data.	
		RNA Seq dA Tailing Master Mix	No specific data.	
		RNA Seq PCR Master Mix	No specific data.	
		RNA Seq First Strand Master Mix	No specific data.	
		Uracil DNA Glycosylase (UDG)	No specific data.	
		SureSelect Oligo Adaptor Mix	No specific data.	
		SureSelect Primer	No specific data.	
		8bp Indexes A01–H02	No specific data.	
		RNA Seq ILM Reverse PCR Primer	No specific data.	
		RNA Seq ILM Post-capture PCR Primer	No specific data.	
		RNA Seq Second-strand + End-Repair Oligo Mix	No specific data.	
		SureSelect RNase Block	No specific data.	
		SureSelect Indexing Block 1	No specific data.	
		SureSelect Block 2	No specific data.	
		SureSelect Indexing Block 3	No specific data.	
		SureSelect Hyb 3	No specific data.	
		SureSelect Hyb 1	No specific data.	
		SureSelect Hyb 2	No specific data.	
		SureSelect Hyb 4	No specific data.	
		SureSelect Binding Buffer	No specific data.	
		SureSelect Wash Buffer 1	No specific data.	
		SureSelect Wash Buffer 2	No specific data.	
	<b>Ingestion</b>	:	RNA Seq Fragmentation Mix	No specific data.
			SureSelect Ligation Master Mix	No specific data.
			RNA Seq Second-strand + End-Repair Enzyme Mix	No specific data.
			RNA Seq dA Tailing Master Mix	No specific data.

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RNA Seq PCR Master Mix	No specific data.
RNA Seq First Strand Master Mix	No specific data.
Uracil DNA Glycosylase (UDG)	No specific data.
SureSelect Oligo Adaptor Mix	No specific data.
SureSelect Primer	No specific data.
8bp Indexes A01–H02	No specific data.
RNA Seq ILM Reverse PCR Primer	No specific data.
RNA Seq ILM Post-capture PCR Primer	No specific data.
RNA Seq Second-strand + End-Repair Oligo Mix	No specific data.
SureSelect RNase Block	No specific data.
SureSelect Indexing Block 1	No specific data.
SureSelect Block 2	No specific data.
SureSelect Indexing Block 3	No specific data.
SureSelect Hyb 3	No specific data.
SureSelect Hyb 1	No specific data.
SureSelect Hyb 2	No specific data.
SureSelect Hyb 4	No specific data.
SureSelect Binding Buffer	No specific data.
SureSelect Wash Buffer 1	No specific data.
SureSelect Wash Buffer 2	No specific data.
RNA Seq Fragmentation Mix	No specific data.
SureSelect Ligation Master Mix	No specific data.
RNA Seq Second-strand + End-Repair Enzyme Mix	No specific data.
RNA Seq dA Tailing Master Mix	No specific data.
RNA Seq PCR Master Mix	No specific data.
RNA Seq First Strand Master Mix	No specific data.
Uracil DNA Glycosylase (UDG)	No specific data.
SureSelect Oligo Adaptor Mix	No specific data.
SureSelect Primer	No specific data.
8bp Indexes A01–H02	No specific data.
RNA Seq ILM Reverse PCR Primer	No specific data.
RNA Seq ILM Post-capture PCR Primer	No specific data.
RNA Seq Second-strand + End-Repair Oligo Mix	No specific data.
SureSelect RNase Block	No specific data.
SureSelect Indexing Block 1	No specific data.
SureSelect Block 2	No specific data.
SureSelect Indexing	No specific data.

### Skin contact

RNA Seq Fragmentation Mix	No specific data.
SureSelect Ligation Master Mix	No specific data.
RNA Seq Second-strand + End-Repair Enzyme Mix	No specific data.
RNA Seq dA Tailing Master Mix	No specific data.
RNA Seq PCR Master Mix	No specific data.
RNA Seq First Strand Master Mix	No specific data.
Uracil DNA Glycosylase (UDG)	No specific data.
SureSelect Oligo Adaptor Mix	No specific data.
SureSelect Primer	No specific data.
8bp Indexes A01–H02	No specific data.
RNA Seq ILM Reverse PCR Primer	No specific data.
RNA Seq ILM Post-capture PCR Primer	No specific data.
RNA Seq Second-strand + End-Repair Oligo Mix	No specific data.
SureSelect RNase Block	No specific data.
SureSelect Indexing Block 1	No specific data.
SureSelect Block 2	No specific data.
SureSelect Indexing	No specific data.

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	Block 3	
	SureSelect Hyb 3	No specific data.
	SureSelect Hyb 1	No specific data.
	SureSelect Hyb 2	No specific data.
	SureSelect Hyb 4	No specific data.
	SureSelect Binding	No specific data.
	Buffer	
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.
<b>Eye contact</b>	: RNA Seq Fragmentation Mix	No specific data.
	SureSelect Ligation Master Mix	No specific data.
	RNA Seq Second-strand + End-Repair Enzyme Mix	No specific data.
	RNA Seq dA Tailing Master Mix	No specific data.
	RNA Seq PCR Master Mix	No specific data.
	RNA Seq First Strand Master Mix	No specific data.
	Uracil DNA Glycosylase (UDG)	No specific data.
	SureSelect Oligo Adaptor Mix	No specific data.
	SureSelect Primer 8bp Indexes A01–H02	No specific data.
	RNA Seq ILM Reverse PCR Primer	No specific data.
	RNA Seq ILM Post-capture PCR Primer	No specific data.
	RNA Seq Second-strand + End-Repair Oligo Mix	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Indexing	No specific data.
	Block 1	
	SureSelect Block 2	No specific data.
	SureSelect Indexing	No specific data.
	Block 3	
	SureSelect Hyb 3	No specific data.
	SureSelect Hyb 1	Adverse symptoms may include the following: pain or irritation watering redness
	SureSelect Hyb 2	No specific data.
	SureSelect Hyb 4	No specific data.
	SureSelect Binding	No specific data.
	Buffer	
	SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer 2	No specific data.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Short term exposure

**Potential immediate effects** : Not available.

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**Potential delayed effects** : Not available.

### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects

<b>General</b>	:	<ul style="list-style-type: none"> <li>RNA Seq Fragmentation Mix</li> <li>SureSelect Ligation Master Mix</li> <li>RNA Seq Second-strand + End-Repair Enzyme Mix</li> <li>RNA Seq dA Tailing Master Mix</li> <li>RNA Seq PCR Master Mix</li> <li>RNA Seq First Strand Master Mix</li> <li>Uracil DNA Glycosylase (UDG)</li> <li>SureSelect Oligo Adaptor Mix</li> <li>SureSelect Primer</li> <li>8bp Indexes A01-H02</li> <li>RNA Seq ILM Reverse PCR Primer</li> <li>RNA Seq ILM Post-capture PCR Primer</li> <li>RNA Seq Second-strand + End-Repair Oligo Mix</li> <li>SureSelect RNase Block</li> <li>SureSelect Indexing Block 1</li> <li>SureSelect Block 2</li> <li>SureSelect Indexing Block 3</li> <li>SureSelect Hyb 3</li> <li>SureSelect Hyb 1</li> <li>SureSelect Hyb 2</li> <li>SureSelect Hyb 4</li> <li>SureSelect Binding Buffer</li> <li>SureSelect Wash Buffer 1</li> <li>SureSelect Wash Buffer 2</li> </ul>	<ul style="list-style-type: none"> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> </ul>
<b>Carcinogenicity</b>	:	<ul style="list-style-type: none"> <li>RNA Seq Fragmentation Mix</li> <li>SureSelect Ligation Master Mix</li> <li>RNA Seq Second-strand + End-Repair Enzyme Mix</li> <li>RNA Seq dA Tailing Master Mix</li> <li>RNA Seq PCR Master Mix</li> </ul>	<ul style="list-style-type: none"> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> </ul>

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	RNA Seq First Strand Master Mix	No known significant effects or critical hazards.
	Uracil DNA Glycosylase (UDG)	No known significant effects or critical hazards.
	SureSelect Oligo Adaptor Mix	No known significant effects or critical hazards.
	SureSelect Primer	No known significant effects or critical hazards.
	8bp Indexes A01–H02	No known significant effects or critical hazards.
	RNA Seq ILM Reverse PCR Primer	No known significant effects or critical hazards.
	RNA Seq ILM Post-capture PCR Primer	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Oligo Mix	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Indexing Block 1	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Indexing Block 3	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect Hyb 1	No known significant effects or critical hazards.
	SureSelect Hyb 2	No known significant effects or critical hazards.
	SureSelect Hyb 4	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.
<b>Mutagenicity</b>	: RNA Seq Fragmentation Mix	No known significant effects or critical hazards.
	SureSelect Ligation Master Mix	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Enzyme Mix	No known significant effects or critical hazards.
	RNA Seq dA Tailing Master Mix	No known significant effects or critical hazards.
	RNA Seq PCR Master Mix	No known significant effects or critical hazards.
	RNA Seq First Strand Master Mix	No known significant effects or critical hazards.
	Uracil DNA Glycosylase (UDG)	No known significant effects or critical hazards.
	SureSelect Oligo Adaptor Mix	No known significant effects or critical hazards.
	SureSelect Primer	No known significant effects or critical hazards.
	8bp Indexes A01–H02	No known significant effects or critical hazards.
	RNA Seq ILM Reverse PCR Primer	No known significant effects or critical hazards.
	RNA Seq ILM Post-capture PCR Primer	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Oligo Mix	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Indexing Block 1	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Indexing Block 3	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.



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	SureSelect Hyb 1	No known significant effects or critical hazards.
	SureSelect Hyb 2	No known significant effects or critical hazards.
	SureSelect Hyb 4	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.
<b>Teratogenicity</b>	: RNA Seq Fragmentation Mix	No known significant effects or critical hazards.
	SureSelect Ligation Master Mix	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Enzyme Mix	No known significant effects or critical hazards.
	RNA Seq dA Tailing Master Mix	No known significant effects or critical hazards.
	RNA Seq PCR Master Mix	No known significant effects or critical hazards.
	RNA Seq First Strand Master Mix	No known significant effects or critical hazards.
	Uracil DNA Glycosylase (UDG)	No known significant effects or critical hazards.
	SureSelect Oligo Adaptor Mix	No known significant effects or critical hazards.
	SureSelect Primer 8bp Indexes A01–H02	No known significant effects or critical hazards.
	RNA Seq ILM Reverse PCR Primer	No known significant effects or critical hazards.
	RNA Seq ILM Post-capture PCR Primer	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Oligo Mix	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Indexing Block 1	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Indexing Block 3	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect Hyb 1	No known significant effects or critical hazards.
	SureSelect Hyb 2	No known significant effects or critical hazards.
	SureSelect Hyb 4	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.
<b>Developmental effects</b>	: RNA Seq Fragmentation Mix	No known significant effects or critical hazards.
	SureSelect Ligation Master Mix	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Enzyme Mix	No known significant effects or critical hazards.
	RNA Seq dA Tailing Master Mix	No known significant effects or critical hazards.
	RNA Seq PCR Master Mix	No known significant effects or critical hazards.

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	RNA Seq First Strand Master Mix	No known significant effects or critical hazards.
	Uracil DNA Glycosylase (UDG)	No known significant effects or critical hazards.
	SureSelect Oligo Adaptor Mix	No known significant effects or critical hazards.
	SureSelect Primer	No known significant effects or critical hazards.
	8bp Indexes A01–H02	No known significant effects or critical hazards.
	RNA Seq ILM Reverse PCR Primer	No known significant effects or critical hazards.
	RNA Seq ILM Post-capture PCR Primer	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Oligo Mix	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Indexing Block 1	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Indexing Block 3	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.
	SureSelect Hyb 1	No known significant effects or critical hazards.
	SureSelect Hyb 2	No known significant effects or critical hazards.
	SureSelect Hyb 4	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.
<b>Fertility effects</b>	RNA Seq Fragmentation Mix	No known significant effects or critical hazards.
	SureSelect Ligation Master Mix	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Enzyme Mix	No known significant effects or critical hazards.
	RNA Seq dA Tailing Master Mix	No known significant effects or critical hazards.
	RNA Seq PCR Master Mix	No known significant effects or critical hazards.
	RNA Seq First Strand Master Mix	No known significant effects or critical hazards.
	Uracil DNA Glycosylase (UDG)	No known significant effects or critical hazards.
	SureSelect Oligo Adaptor Mix	No known significant effects or critical hazards.
	SureSelect Primer	No known significant effects or critical hazards.
	8bp Indexes A01–H02	No known significant effects or critical hazards.
	RNA Seq ILM Reverse PCR Primer	No known significant effects or critical hazards.
	RNA Seq ILM Post-capture PCR Primer	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Oligo Mix	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Indexing Block 1	No known significant effects or critical hazards.
	SureSelect Block 2	No known significant effects or critical hazards.
	SureSelect Indexing Block 3	No known significant effects or critical hazards.
	SureSelect Hyb 3	No known significant effects or critical hazards.

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SureSelect Hyb 1	No known significant effects or critical hazards.
SureSelect Hyb 2	No known significant effects or critical hazards.
SureSelect Hyb 4	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.

## SECTION 12: Ecological information

### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
SureSelect Hyb 1 Sodium chloride	Acute EC50 4.74 g/L Fresh water	Algae - Chlamydomonas reinhardtii	96 hours
	Acute EC50 519.6 mg/l Fresh water	Crustaceans - Cypris subglobosa	48 hours
	Acute IC50 6.87 g/L Fresh water	Aquatic plants - Lemna minor	96 hours
	Acute LC50 1.56 g/L Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 1000000 µg/l Fresh water	Fish - Morone saxatilis - Larvae	96 hours
	Chronic LC10 781 mg/l Fresh water	Crustaceans - Hyalella azteca - Juvenile (Fledgling, Hatchling, Weanling)	3 weeks
	Chronic NOEC 6 g/L Fresh water	Aquatic plants - Lemna minor	96 hours
SureSelect Hyb 2 Disodium dihydrogen ethylenediaminetetraacetate	Chronic NOEC 0.314 g/L Fresh water	Daphnia - Daphnia pulex	21 days
	Chronic NOEC 100 mg/l Fresh water	Fish - Gambusia holbrooki - Adult	8 weeks
	Acute LC50 320 mg/l Fresh water	Fish	96 hours
SureSelect Binding Buffer Sodium chloride	Acute EC50 4.74 g/L Fresh water	Algae - Chlamydomonas reinhardtii	96 hours
	Acute EC50 519.6 mg/l Fresh water	Crustaceans - Cypris subglobosa	48 hours
	Acute IC50 6.87 g/L Fresh water	Aquatic plants - Lemna minor	96 hours
	Acute LC50 1.56 g/L Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 1000000 µg/l Fresh water	Fish - Morone saxatilis - Larvae	96 hours
	Chronic LC10 781 mg/l Fresh water	Crustaceans - Hyalella azteca - Juvenile (Fledgling, Hatchling, Weanling)	3 weeks
	Chronic NOEC 6 g/L Fresh water	Aquatic plants - Lemna minor	96 hours
SureSelect Hyb 2 Disodium dihydrogen ethylenediaminetetraacetate	Chronic NOEC 0.314 g/L Fresh water	Daphnia - Daphnia pulex	21 days
	Chronic NOEC 100 mg/l Fresh water	Fish - Gambusia holbrooki - Adult	8 weeks

### 12.2 Persistence and degradability

Not available.

### 12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
SureSelect Hyb 2 Disodium dihydrogen ethylenediaminetetraacetate	-4.3	1.8	low

SureSelect<sup>XT</sup> RNA Direct 16 rxns, Part Number G7564A

## SECTION 12: Ecological information

### 12.4 Mobility in soil

Soil/water partition coefficient ( $K_{oc}$ ) : Not available.

Mobility : Not available.

### 12.5 Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB : Not applicable.

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

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

**Hazardous waste** : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

#### Packaging

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions** : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14: Transport information

ADR/RID / IMDG / IATA : Not regulated.

14.6 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.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code : Not available.

## SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture  
EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

#### Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

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## SECTION 15: Regulatory information

<b>Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles</b>	:	RNA Seq Fragmentation Mix	Not applicable.
		SureSelect Ligation Master Mix	Not applicable.
		RNA Seq Second-strand + End-Repair Enzyme Mix	Not applicable.
		RNA Seq dA Tailing Master Mix	Not applicable.
		RNA Seq PCR Master Mix	Not applicable.
		RNA Seq First Strand Master Mix	Not applicable.
		Uracil DNA Glycosylase (UDG)	Not applicable.
		SureSelect Oligo Adaptor Mix	Not applicable.
		SureSelect Primer	Not applicable.
		8bp Indexes A01–H02	Not applicable.
		RNA Seq ILM Reverse PCR Primer	Not applicable.
		RNA Seq ILM Post-capture PCR Primer	Not applicable.
		RNA Seq Second-strand + End-Repair Oligo Mix	Not applicable.
		SureSelect RNase Block	Not applicable.
		SureSelect Indexing Block 1	Not applicable.
		SureSelect Block 2	Not applicable.
		SureSelect Indexing Block 3	Not applicable.
		SureSelect Hyb 3	Not applicable.
		SureSelect Hyb 1	Not applicable.
		SureSelect Hyb 2	Not applicable.
		SureSelect Hyb 4	Not applicable.
		SureSelect Binding Buffer	Not applicable.
		SureSelect Wash Buffer 1	Not applicable.
		SureSelect Wash Buffer 2	Not applicable.

### Other EU regulations

#### Ozone depleting substances (1005/2009/EU)

Not listed.

#### Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

#### Seveso Directive

This product is not controlled under the Seveso Directive.

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol (Annexes A, B, C, E)

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.

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## SECTION 15: Regulatory information

Canada	: Not determined.
China	: Not determined.
Europe	: Not determined.
Japan	: <b>Japan inventory (ENCS):</b> Not determined. <b>Japan inventory (ISHL):</b> Not determined.
Malaysia	: Not determined.
New Zealand	: Not determined.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: Not determined.
Thailand	: Not determined.
Turkey	: Not determined.
United States	: Not determined.
Viet Nam	: Not determined.

**15.2 Chemical safety assessment** : This product contains substances for which Chemical Safety Assessments might still be required.

## SECTION 16: Other information

✔ Indicates information that has changed from previously issued version.

**Abbreviations and acronyms** : ATE = Acute Toxicity Estimate  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
DNEL = Derived No Effect Level  
EUH statement = CLP-specific Hazard statement  
PNEC = Predicted No Effect Concentration  
RRN = REACH Registration Number

### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
SureSelect Hyb 1 Eye Irrit. 2, H319	Calculation method

### Full text of abbreviated H statements

<p>✔ SureSelect Ligation Master Mix H315 H319 H335</p> <p>RNA Seq dA Tailing Master Mix H315 H319 H335</p> <p>SureSelect Hyb 1 H319</p> <p>SureSelect Hyb 2 H302</p> <p>SureSelect Hyb 4 H302 H315 H319 H332 H335</p>	<p>Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.</p> <p>Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.</p> <p>Causes serious eye irritation.</p> <p>Harmful if swallowed.</p> <p>Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation.</p>
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**Date of issue/Date of revision** : 20/07/2017

SureSelect<sup>XT</sup> RNA Direct 16 rxns, Part Number G7564A

## SECTION 16: Other information

H400  
H412

Very toxic to aquatic life.  
Harmful to aquatic life with long lasting effects.

**SureSelect Binding Buffer**  
H319

Causes serious eye irritation.

### [Full text of classifications \[CLP/GHS\]](#)

#### **SureSelect Ligation Master Mix**

Eye Irrit. 2, H319  
Skin Irrit. 2, H315  
STOT SE 3, H335

SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2  
SKIN CORROSION/IRRITATION - Category 2  
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE  
(Respiratory tract irritation) - Category 3

#### **RNA Seq dA Tailing Master Mix**

Eye Irrit. 2, H319  
Skin Irrit. 2, H315  
STOT SE 3, H335

SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2  
SKIN CORROSION/IRRITATION - Category 2  
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE  
(Respiratory tract irritation) - Category 3

#### **SureSelect Hyb 1**

Eye Irrit. 2, H319

SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

#### **SureSelect Hyb 2**

Acute Tox. 4, H302

ACUTE TOXICITY (oral) - Category 4

#### **SureSelect Hyb 4**

Acute Tox. 4, H302  
Acute Tox. 4, H332  
Aquatic Acute 1, H400  
Aquatic Chronic 3, H412  
Eye Irrit. 2, H319  
Skin Irrit. 2, H315  
STOT SE 3, H335

ACUTE TOXICITY (oral) - Category 4  
ACUTE TOXICITY (inhalation) - Category 4  
SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1  
LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3  
SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2  
SKIN CORROSION/IRRITATION - Category 2  
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE  
(Respiratory tract irritation) - Category 3

#### **SureSelect Binding Buffer**

Eye Irrit. 2, H319

SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2

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**Date of previous issue** : 30/06/2017.

**Version** : 1.1

**Nota \*** :  kit containing Agilent Part Number: 5500-0134; 5190-6261; 5190-8645  
\*8bp Indexes A01-H02: 5190-7912, 5190-7913, 5190-7914, 5190-7915, 5190-7916, 5190-7917, 5190-7918, 5190-7919, 5190-7920, 5190-7921, 5190-7922, 5190-7923, 5190-7924, 5190-7925, 5190-7926, 5190-7927

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