

SAFETY DATA SHEET

SureSelect^{XT} RNA Direct 96 rxns, Part Number G7564B

Section 1. Identification

1.1 Product identifier

Product name	: SureSelect ^{XT} RNA Direct 96 rxns, Part Number G7564B	
Part no. (chemical kit)	: G7564B	
Part no.	: <u>SURESELECT RNA Seq Library Prep Kit, 96 Rxn</u>	<u>5500-0135</u>
	RNA Seq Fragmentation Mix	5190-6391
	SureSelect Ligation Master Mix	5190-3807
	RNA Seq Second-strand + End-Repair Enzyme Mix	5190-7764
	RNA Seq dA Tailing Master Mix	5190-6394
	RNA Seq PCR Master Mix	5190-6396
	RNA Seq First Strand Master Mix	5190-6392
	Uracil DNA Glycosylase (UDG)	5190-6397
	SureSelect Oligo Adaptor Mix	5190-6395
	SureSelect Primer	5190-3620
	SureSelect XT 8 bp Indexes	5190-7928
	RNA Seq ILM Reverse PCR Primer	5190-6398
	RNA Seq ILM Post-capture PCR Primer	5190-6399
	RNA Seq Second-strand + End-Repair Oligo Mix	5190-7765
	<u>SureSelect Target Enrichment Box2, 96RXN</u>	<u>5190-6262</u>
	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
	<u>SureSelect Target Enrichment Box 1,96Rxn</u>	<u>5190-8646</u>
	SureSelect Hyb 1	5190-4396
	SureSelect Hyb 2	5190-4397
	SureSelect Hyb 4	5190-4398
	SureSelect Binding Buffer	5190-4399
	SureSelect Wash Buffer 1	5190-4400
	SureSelect Wash Buffer 2	5190-4401

Validation date : 8/23/2018

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

Material uses	: Analytical reagent.	
	<u>RNA Seq Fragmentation Mix</u>	2.9 ml (96 reactions)
	SureSelect Ligation Master Mix	0.8 ml (96 reactions)
	RNA Seq Second-strand + End-Repair Enzyme Mix	3 ml (96 reactions)
	RNA Seq dA Tailing Master Mix	3.1 ml (96 reactions)
	RNA Seq PCR Master Mix	6.7 ml (96 reactions)
	RNA Seq First Strand Master Mix	1.1 ml (96 reactions)
	Uracil DNA Glycosylase (UDG)	0.135 ml (96 reactions)
	SureSelect Oligo Adaptor Mix	0.77 ml (96 reactions)
	SureSelect Primer	0.3 ml
	SureSelect XT 8 bp Indexes	1.44 ml (0.015 ml x 96 reactions)
	RNA Seq ILM Reverse PCR Primer	0.135 ml (96 reactions)
	RNA Seq ILM Post-capture PCR Primer	0.135 ml (96 reactions)
	RNA Seq Second-strand + End-Repair Oligo Mix	0.7 ml (96 reactions)
	SureSelect RNase Block	0.016 ml
	SureSelect Indexing Block 1	0.3 ml

Section 1. Identification

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	0.208 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](#)

Supplier/Manufacturer : Agilent Technologies, Inc.
5301 Stevens Creek Blvd
Santa Clara, CA 95051, USA
800-227-9770

[1.4 Emergency telephone number](#)

In case of emergency : CHEMTREC®: 1-800-424-9300

Section 2. Hazards identification

[2.1 Classification of the substance or mixture](#)

OSHA/HCS status	: <input checked="" type="checkbox"/> RNA Seq Fragmentation Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureSelect Ligation Master Mix	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
	RNA Seq Second-strand + End-Repair Enzyme Mix	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
	RNA Seq dA Tailing Master Mix	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
	RNA Seq PCR Master Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	RNA Seq First Strand Master Mix	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
	Uracil DNA Glycosylase (UDG)	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
	SureSelect Oligo Adaptor Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
	SureSelect Primer	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Section 2. Hazards identification

SureSelect XT 8 bp Indexes	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
RNA Seq ILM Reverse PCR Primer	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
RNA Seq ILM Post-Capture PCR Primer	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
RNA Seq Second-strand + End-Repair Oligo Mix SureSelect RNase Block	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
SureSelect Indexing Block 1	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureSelect Block 2	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureSelect Indexing Block 3	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureSelect Hyb 3	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureSelect Hyb 1	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
SureSelect Hyb 2	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
SureSelect Hyb 4	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureSelect Binding Buffer	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to

Section 2. Hazards identification

the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureSelect Wash Buffer 1

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

SureSelect Wash Buffer 2

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture

SureSelect Ligation Master Mix

H319 EYE IRRITATION - Category 2A

RNA Seq Second-strand + End-Repair Enzyme Mix

H320 EYE IRRITATION - Category 2B

RNA Seq dA Tailing Master Mix

H319 EYE IRRITATION - Category 2A

RNA Seq First Strand Master Mix

H320 EYE IRRITATION - Category 2B

Uracil DNA Glycosylase (UDG)

H320 EYE IRRITATION - Category 2B

RNA Seq Second-strand + End-Repair Oligo Mix

H320 EYE IRRITATION - Category 2B

SureSelect RNase Block

H320 EYE IRRITATION - Category 2B

SureSelect Hyb 1

H319 EYE IRRITATION - Category 2A

SureSelect Hyb 2

H319 EYE IRRITATION - Category 2A
H373 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (respiratory tract) - Category 2

Ingredients of unknown toxicity

 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

Section 2. Hazards identification

	(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%
	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%
	Percentage of the mixture consisting of ingredient
	(s) of unknown oral toxicity: 1 - 10%
SureSelect Hyb 1	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%
SureSelect Hyb 2	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 dermal toxicity: 1 - 10%
	Percentage of the mixture consisting of ingredient
	(s) of unknown inhalation toxicity: 1 - 10%
SureSelect Binding Buffer	Percentage of the mixture consisting of ingredient
	(s) of unknown inhalation toxicity: 1 - 10%
 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%
SureSelect Hyb 4	Percentage of the mixture consisting of ingredient
	(s) of unknown hazards to the aquatic environment:
	1%

[2.2 GHS label elements](#)

Section 2. Hazards identification

Hazard pictograms

: SureSelect Ligation Master Mix



RNA Seq dA Tailing Master Mix



SureSelect Hyb 1



SureSelect Hyb 2



Signal word

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

Hazard statements

: RNA Seq Fragmentation Mix	No known significant effects or critical hazards.
SureSelect Ligation Master Mix	H319 - Causes serious eye irritation.
RNA Seq Second-strand + End-Repair Enzyme Mix	H320 - Causes eye irritation.
RNA Seq dA Tailing Master Mix	H319 - Causes serious eye irritation.
RNA Seq PCR Master Mix	No known significant effects or critical hazards.
RNA Seq First Strand Master Mix	H320 - Causes eye irritation.
Uracil DNA Glycosylase (UDG)	H320 - Causes eye irritation.
SureSelect Oligo Adaptor Mix	No known significant effects or critical hazards.
SureSelect Primer	No known significant effects or critical hazards.
SureSelect XT 8 bp Indexes	No known significant effects or critical hazards.

Section 2. Hazards identification

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	H320 - Causes eye irritation.
SureSelect RNase Block	H320 - Causes eye irritation.
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	H319 - Causes serious eye irritation. H373 - May cause damage to organs through prolonged or repeated exposure. (respiratory tract)
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

Prevention

RNA Seq Fragmentation Mix	Not applicable.
SureSelect Ligation Master Mix	P280 - Wear eye or face protection. P264 - Wash hands thoroughly after handling.
RNA Seq Second-strand + End-Repair Enzyme Mix	P264 - Wash hands thoroughly after handling.
RNA Seq dA Tailing Master Mix	P280 - Wear eye or face protection. P264 - Wash hands thoroughly after handling.
RNA Seq PCR Master Mix	Not applicable.
RNA Seq First Strand Master Mix	P264 - Wash hands thoroughly after handling.
Uracil DNA Glycosylase (UDG)	P264 - Wash hands thoroughly after handling.
SureSelect Oligo Adaptor Mix	Not applicable.
SureSelect Primer	Not applicable.
SureSelect XT 8 bp Indexes	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	P264 - Wash hands thoroughly after handling.
SureSelect RNase Block	P264 - Wash hands thoroughly after handling.
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	P280 - Wear eye or face protection. P260 - Do not breathe vapor. P264 - Wash hands thoroughly after handling.
SureSelect Hyb 4	Not applicable.
SureSelect Binding Buffer	Not applicable.
SureSelect Wash Buffer 1	Not applicable.
SureSelect Wash Buffer 2	Not applicable.

Section 2. Hazards identification

Response

RNA Seq Fragmentation Mix SureSelect Ligation Master Mix	Not applicable. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
RNA Seq Second-strand + End- Repair Enzyme Mix	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
RNA Seq dA Tailing Master Mix	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
RNA Seq PCR Master Mix RNA Seq First Strand Master Mix	Not applicable. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
Uracil DNA Glycosylase (UDG)	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
SureSelect Oligo Adaptor Mix SureSelect Primer SureSelect XT 8 bp Indexes RNA Seq ILM Reverse PCR Primer RNA Seq ILM Post-Capture PCR Primer RNA Seq Second-strand + End- Repair Oligo Mix	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
SureSelect RNase Block	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
SureSelect Indexing Block 1 SureSelect Block 2 SureSelect Indexing Block 3 SureSelect Hyb 3 SureSelect Hyb 1	Not applicable. Not applicable. Not applicable. Not applicable. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Section 2. Hazards identification

	SureSelect Hyb 2	P337 + P313 - If eye irritation persists: Get medical attention. P314 - Get medical attention if you feel unwell. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical attention.
	SureSelect Hyb 4	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	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.
	SureSelect XT 8 bp Indexes	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.
Disposal	: 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.
	SureSelect XT 8 bp Indexes	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.

Section 2. Hazards identification

Supplemental label elements

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	P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
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	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.
SureSelect XT 8 bp Indexes	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.

2.3 Other hazards

Hazards not otherwise classified

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.
SureSelect XT 8 bp Indexes	None known.
RNA Seq ILM Reverse PCR Primer	None known.
RNA Seq ILM Post-Capture PCR Primer	None known.
RNA Seq Second-strand + End-	None known.

Section 2. Hazards identification

Repair Oligo Mix	
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

Substance/mixture	:	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
		SureSelect XT 8 bp Indexes	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

Ingredient name	%	CAS number
SureSelect Ligation Master Mix		
Glycerol	≥25 - ≤50	56-81-5
Polyethylene glycol	≥10 - ≤17	25322-68-3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	≤2.7	1185-53-1
RNA Seq Second-strand + End-Repair Enzyme Mix		
Glycerol	≥10 - ≤25	56-81-5
Potassium chloride	≤3	7447-40-7
RNA Seq dA Tailing Master Mix		
Glycerol	≥10 - ≤25	56-81-5
Polyethylene glycol	≥10 - ≤17	25322-68-3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	≤2.7	1185-53-1

Section 3. Composition/information on ingredients

RNA Seq PCR Master Mix Glycerol	<10	56-81-5
RNA Seq First Strand Master Mix Glycerol	≥10 - ≤25	56-81-5
Uracil DNA Glycosylase (UDG) Glycerol	≥50 - ≤75	56-81-5
RNA Seq Second-strand + End-Repair Oligo Mix Glycerol Potassium chloride	≥10 - ≤25 ≤3	56-81-5 7447-40-7
SureSelect RNase Block Glycerol	≥50 - ≤75	56-81-5
SureSelect Hyb 1 Sodium chloride Sodium dihydrogenorthophosphate	≥10 - ≤25 ≤3	7647-14-5 7558-80-7
SureSelect Hyb 2 Disodium dihydrogen ethylenediaminetetraacetate	≥10 - ≤25	139-33-3
SureSelect Hyb 4 Sulfuric acid monododecyl ester sodium salt (1:1)	≤3	8012-56-4
SureSelect Binding Buffer Sodium chloride	<10	7647-14-5
SureSelect Wash Buffer 1 Sodium dodecyl sulphate	<0.25	151-21-3
SureSelect Wash Buffer 2 Sodium dodecyl sulphate	<0.25	151-21-3

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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

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

Section 4. First aid measures

4.1 Description of necessary first aid measures

Eye contact	: 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. Continue to rinse for at least 10 minutes. Get medical attention.
	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. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.

Section 4. First aid measures

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. Continue to rinse for at least 10 minutes. Get medical attention.
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. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
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. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
SureSelect Oligo Adaptor 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 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.
SureSelect XT 8 bp Indexes	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. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
SureSelect RNase Block	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
SureSelect 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.

Section 4. First aid measures

SureSelect Hyb 3	Check for and remove any contact lenses. Get medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get 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. Continue to rinse for at least 10 minutes. Get medical attention.
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.
Inhalation	
: 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. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
RNA Seq Second-strand + End-Repair Enzyme Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are

Section 4. First aid measures

RNA Seq dA Tailing Master Mix	<p>severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</p> <p>Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. 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.</p>
RNA Seq PCR Master Mix	<p>Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.</p>
RNA Seq First Strand Master Mix	<p>Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</p>
Uracil DNA Glycosylase (UDG)	<p>Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.</p>
SureSelect Oligo Adaptor Mix	<p>Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.</p>
SureSelect Primer	<p>Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.</p>
SureSelect XT 8 bp Indexes	<p>Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.</p>
RNA Seq ILM Reverse PCR Primer	<p>Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.</p>

Section 4. First aid measures

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. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
SureSelect RNase Block	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
SureSelect 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 collar, tie, belt or waistband.
SureSelect Hyb 2	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

Section 4. First aid measures

oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention following exposure or if feeling unwell. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Remove victim to fresh air and keep at rest in a position 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.

Remove victim to fresh air and keep at rest in a position 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.

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

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.

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.

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.

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

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.

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.

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get

Skin contact

: RNA Seq Fragmentation Mix

SureSelect Ligation Master Mix

RNA Seq Second-strand + End-
Repair Enzyme Mix

RNA Seq dA Tailing Master Mix

RNA Seq PCR Master Mix

RNA Seq First Strand Master Mix

Uracil DNA Glycosylase (UDG)

SureSelect Oligo Adaptor Mix

SureSelect Primer

Section 4. First aid measures

SureSelect XT 8 bp Indexes	<p>medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.</p>
RNA Seq ILM Reverse PCR Primer	<p>Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.</p>
RNA Seq ILM Post-Capture PCR Primer	<p>Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.</p>
RNA Seq Second-strand + End-Repair Oligo Mix	<p>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.</p>
SureSelect RNase Block	<p>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.</p>
SureSelect Indexing Block 1	<p>Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.</p>
SureSelect Block 2	<p>Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.</p>
SureSelect Indexing Block 3	<p>Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.</p>
SureSelect Hyb 3	<p>Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.</p>
SureSelect Hyb 1	<p>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.</p>
SureSelect Hyb 2	<p>Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention following exposure or if feeling unwell. Wash clothing before reuse. Clean shoes thoroughly before reuse.</p>
SureSelect Hyb 4	<p>Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.</p>
SureSelect Binding Buffer	<p>Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.</p>
SureSelect Wash Buffer 1	<p>Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.</p>
SureSelect Wash Buffer 2	<p>Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.</p>

Section 4. First aid measures

Ingestion

: 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 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.

RNA Seq Second-strand + End-
Repair Enzyme Mix

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.

RNA Seq dA Tailing Master Mix

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.

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

Section 4. First aid measures

RNA Seq First Strand Master Mix	<p>quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.</p> <p>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.</p>
Uracil DNA Glycosylase (UDG)	<p>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.</p>
SureSelect Oligo Adaptor Mix	<p>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.</p>
SureSelect Primer	<p>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.</p>
SureSelect XT 8 bp Indexes	<p>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.</p>
RNA Seq ILM Reverse PCR Primer	<p>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</p>

Section 4. First aid measures

RNA Seq ILM Post-Capture PCR
Primer

the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Wash out mouth with water. Remove 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 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 RNase Block

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 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 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

Section 4. First aid measures

	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 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 following exposure or if feeling unwell. 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 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

Section 4. First aid measures

SureSelect Wash Buffer 2

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.

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.

4.2 Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact

- | | |
|---|---|
| : RNA Seq Fragmentation Mix | No known significant effects or critical hazards. |
| SureSelect Ligation Master Mix | Causes serious eye irritation. |
| RNA Seq Second-strand + End-Repair Enzyme Mix | Causes eye irritation. |
| RNA Seq dA Tailing Master Mix | Causes serious eye irritation. |
| RNA Seq PCR Master Mix | No known significant effects or critical hazards. |
| RNA Seq First Strand Master Mix | Causes eye irritation. |
| Uracil DNA Glycosylase (UDG) | Causes eye irritation. |
| SureSelect Oligo Adaptor Mix | No known significant effects or critical hazards. |
| SureSelect Primer | No known significant effects or critical hazards. |
| SureSelect XT 8 bp Indexes | 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 | Causes eye irritation. |
| SureSelect RNase Block | Causes eye irritation. |
| 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 | Causes serious eye irritation. |
| 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. |

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 | No known significant effects or critical hazards. |
| SureSelect XT 8 bp Indexes | 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 | No known significant effects or critical hazards. |

Section 4. First aid measures

	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.
Skin contact	: 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.
	SureSelect XT 8 bp Indexes	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.
Ingestion	: 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.
	SureSelect XT 8 bp Indexes	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-	No known significant effects or critical hazards.

Section 4. First aid measures

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

Eye contact

RNA Seq Fragmentation Mix	No specific data.
SureSelect Ligation Master Mix	Adverse symptoms may include the following: pain or irritation watering redness
RNA Seq Second-strand + End- Repair Enzyme Mix	Adverse symptoms may include the following: irritation watering redness
RNA Seq dA Tailing Master Mix	Adverse symptoms may include the following: pain or irritation watering redness
RNA Seq PCR Master Mix	No specific data.
RNA Seq First Strand Master Mix	Adverse symptoms may include the following: irritation watering redness
Uracil DNA Glycosylase (UDG)	Adverse symptoms may include the following: irritation watering redness
SureSelect Oligo Adaptor Mix	No specific data.
SureSelect Primer	No specific data.
SureSelect XT 8 bp Indexes	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	Adverse symptoms may include the following: irritation watering redness
SureSelect RNase Block	Adverse symptoms may include the following: irritation watering redness
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

Section 4. First aid measures

	SureSelect Hyb 2	watering redness Adverse symptoms may include the following: pain or irritation watering redness
	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.
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.
	SureSelect XT 8 bp Indexes	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.
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.
	SureSelect XT 8 bp Indexes	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.

Section 4. First aid measures

Ingestion

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.
SureSelect XT 8 bp Indexes	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 immediate medical attention and special treatment needed, if necessary

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.

Section 4. First aid measures

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.
SureSelect XT 8 bp Indexes	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.
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.

Section 4. First aid measures

Specific treatments

: 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	No specific treatment.
SureSelect XT 8 bp Indexes	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.

Protection of first-aiders

: 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. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
RNA Seq Second-strand + End-Repair Enzyme Mix	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
RNA Seq dA Tailing Master Mix	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
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. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
Uracil DNA Glycosylase (UDG)	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 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.
SureSelect XT 8 bp Indexes	No action shall be taken involving any personal risk or without suitable training.
RNA Seq ILM Reverse PCR	No action shall be taken involving any personal risk

Section 4. First aid measures

Primer RNA Seq ILM Post-Capture PCR Primer RNA Seq Second-strand + End- Repair Oligo Mix	or without suitable training. No action shall be taken involving any personal risk or without suitable training. 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 RNase Block	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
SureSelect 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. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
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.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

: 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

Section 5. Fire-fighting measures

SureSelect XT 8 bp Indexes	surrounding fire. 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.
Unsuitable extinguishing media	
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.
SureSelect XT 8 bp Indexes	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 5. Fire-fighting measures

5.2 Special hazards arising from the substance or mixture

Specific hazards arising from the chemical

: 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.
SureSelect XT 8 bp Indexes	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.
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.
Hazardous thermal decomposition products : 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-	Decomposition products may include the following

Section 5. Fire-fighting measures

Repair Enzyme Mix	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	No specific data.
SureSelect XT 8 bp Indexes	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
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 sulfur 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

Section 5. Fire-fighting measures

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

5.3 Advice for firefighters

Special protective actions 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 taken involving any personal risk or without suitable training.
SureSelect XT 8 bp Indexes	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	Promptly isolate the scene by removing all persons

Section 5. Fire-fighting measures

Primer	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.

Section 5. Fire-fighting measures

Special protective equipment for fire-fighters

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.
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.
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.
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.
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.
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.
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.
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.
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.
SureSelect XT 8 bp Indexes	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
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.
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.
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.
SureSelect RNase Block	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect Indexing Block 1	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive

Section 5. Fire-fighting measures

SureSelect Block 2	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect 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.
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.
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.
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.
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.
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.
SureSelect Wash Buffer 1	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect Wash Buffer 2	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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 spilled 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 spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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

Section 6. Accidental release measures

	unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
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 spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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 spilled 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 spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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 spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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 spilled 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 spilled material. Put on appropriate personal protective equipment.
SureSelect XT 8 bp Indexes	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
RNA Seq ILM Reverse PCR Primer	No action shall be taken involving any personal risk or without suitable training. Evacuate

Section 6. Accidental release measures

RNA Seq ILM Post-Capture PCR Primer	surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled 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 spilled 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 spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
SureSelect RNase Block	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
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 spilled 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 spilled 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 spilled 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 spilled 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 spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when

Section 6. Accidental release measures

SureSelect Hyb 2	ventilation is inadequate. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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 spilled material. Put on appropriate personal protective equipment.
SureSelect Binding Buffer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureSelect Wash Buffer 1	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
SureSelect Wash Buffer 2	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
For emergency responders : RNA Seq Fragmentation Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Ligation Master Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
RNA Seq Second-strand + End-Repair Enzyme Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
RNA Seq dA Tailing Master Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
RNA Seq PCR Master Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
RNA Seq First Strand Master Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Section 6. Accidental release measures

Uracil DNA Glycosylase (UDG)	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Oligo Adaptor Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Primer	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect XT 8 bp Indexes	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
RNA Seq ILM Reverse PCR Primer	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
RNA Seq ILM Post-Capture PCR Primer	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
RNA Seq Second-strand + End-Repair Oligo Mix	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect RNase Block	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Indexing Block 1	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Block 2	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Indexing Block 3	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Hyb 3	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Hyb 1	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Hyb 2	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Hyb 4	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also

Section 6. Accidental release measures

6.2 Environmental precautions

SureSelect Binding Buffer	the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Wash Buffer 1	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect Wash Buffer 2	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
RNA Seq Fragmentation Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Ligation Master Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
RNA Seq Second-strand + End-Repair Enzyme Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
RNA Seq dA Tailing Master Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
RNA Seq PCR Master Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
RNA Seq First Strand Master Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Uracil DNA Glycosylase (UDG)	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Oligo Adaptor Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Primer	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,

Section 6. Accidental release measures

SureSelect XT 8 bp Indexes	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
RNA Seq ILM Reverse PCR Primer	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
RNA Seq ILM Post-Capture PCR Primer	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
RNA Seq Second-strand + End-Repair Oligo Mix	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect RNase Block	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Indexing Block 1	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Block 2	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Indexing Block 3	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Hyb 3	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Hyb 1	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Hyb 2	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect Hyb 4	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has

Section 6. Accidental release measures

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

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : RNA Seq Fragmentation Mix

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

Section 6. Accidental release measures

	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.
SureSelect XT 8 bp Indexes	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.

Section 6. Accidental release measures

	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, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect Wash Buffer 1	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect Wash Buffer 2	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

7.1 Precautions for safe handling

Protective measures	:	RNA Seq Fragmentation Mix	Put on appropriate personal protective equipment (see Section 8).
		SureSelect Ligation Master Mix	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do

Section 7. Handling and storage

RNA Seq Second-strand + End-Repair Enzyme Mix	not reuse container. Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
RNA Seq dA Tailing Master Mix	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
RNA Seq PCR Master Mix	Put on appropriate personal protective equipment (see Section 8).
RNA Seq First Strand Master Mix	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Uracil DNA Glycosylase (UDG)	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
SureSelect Oligo Adaptor Mix	Put on appropriate personal protective equipment (see Section 8).
SureSelect Primer	Put on appropriate personal protective equipment (see Section 8).
SureSelect XT 8 bp Indexes	Put on appropriate personal protective equipment (see Section 8).
RNA Seq ILM Reverse PCR Primer	Put on appropriate personal protective equipment (see Section 8).
RNA Seq ILM Post-Capture PCR Primer	Put on appropriate personal protective equipment (see Section 8).
RNA Seq Second-strand + End-Repair Oligo Mix	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
SureSelect RNase Block	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers

Section 7. Handling and storage

		retain product residue and can be hazardous. Do not reuse container.
	SureSelect Indexing Block 1	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Block 2	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Indexing Block 3	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Hyb 3	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Hyb 1	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
	SureSelect Hyb 2	Put on appropriate personal protective equipment (see Section 8). Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
	SureSelect 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).
Advice on general occupational hygiene	: 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

Section 7. Handling and storage

RNA Seq PCR Master Mix

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

SureSelect XT 8 bp Indexes

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.

Section 7. Handling and storage

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, 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 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 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

Section 7. Handling and storage

	<p>SureSelect Binding Buffer</p> <p>SureSelect Wash Buffer 1</p> <p>SureSelect Wash Buffer 2</p>	<p>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. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. 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.</p>
<p>7.2 Conditions for safe storage, including any incompatibilities</p>	<p>: RNA Seq Fragmentation Mix</p> <p>SureSelect Ligation Master Mix</p> <p>RNA Seq Second-strand + End-Repair Enzyme Mix</p>	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p> <p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p> <p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for</p>

Section 7. Handling and storage

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

Section 7. Handling and storage

SureSelect XT 8 bp Indexes	<p>incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p> <p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
RNA Seq ILM Reverse PCR Primer	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
RNA Seq ILM Post-Capture PCR Primer	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
RNA Seq Second-strand + End-Repair Oligo Mix	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
SureSelect RNase Block	<p>Storage temperature: -80°C (-112°F). Store in accordance with local regulations. Shelf life: 1 Year. 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</p>

Section 7. Handling and storage

	have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
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 unlabeled 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 unlabeled 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 unlabeled 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 unlabeled containers. Use appropriate containment to avoid

Section 7. Handling and storage

SureSelect Hyb 2

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

SureSelect Binding Buffer

Storage temperature: -80°C (-112°F). Store in accordance with local regulations. Shelf life: 1 Year. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

SureSelect Wash Buffer 1

Storage temperature: -80°C (-112°F). Store in accordance with local regulations. Shelf life: 1 Year. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

SureSelect Wash Buffer 2

Storage temperature: -80°C (-112°F). Store in accordance with local regulations. Shelf life: 1 Year. 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

Section 7. Handling and storage

unlabeled 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.
SureSelect XT 8 bp Indexes	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.
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.

Industrial sector specific solutions

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.
SureSelect XT 8 bp Indexes	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.

Section 7. Handling and storage

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

Ingredient name	Exposure limits
SureSelect Ligation Master Mix Glycerol Polyethylene glycol 2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 10 mg/m ³ 8 hours. Form: Total dust OSHA PEL (United States, 6/2016). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 15 mg/m ³ 8 hours. Form: Total dust AIHA WEEL (United States, 10/2011). TWA: 10 mg/m ³ 8 hours. Form: Aerosol None.
RNA Seq Second-strand + End-Repair Enzyme Mix Glycerol Potassium chloride	OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 10 mg/m ³ 8 hours. Form: Total dust OSHA PEL (United States, 6/2016). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 15 mg/m ³ 8 hours. Form: Total dust None.
RNA Seq dA Tailing Master Mix Glycerol Polyethylene glycol 2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 10 mg/m ³ 8 hours. Form: Total dust OSHA PEL (United States, 6/2016). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 15 mg/m ³ 8 hours. Form: Total dust AIHA WEEL (United States, 10/2011). TWA: 10 mg/m ³ 8 hours. Form: Aerosol None.
RNA Seq PCR Master Mix Glycerol	OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 10 mg/m ³ 8 hours. Form: Total dust OSHA PEL (United States, 6/2016). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 15 mg/m ³ 8 hours. Form: Total dust

Section 8. Exposure controls/personal protection

RNA Seq First Strand Master Mix

Glycerol

OSHA PEL 1989 (United States, 3/1989).

TWA: 5 mg/m³ 8 hours. Form: Respirable fraction

TWA: 10 mg/m³ 8 hours. Form: Total dust

OSHA PEL (United States, 6/2016).

TWA: 5 mg/m³ 8 hours. Form: Respirable fraction

TWA: 15 mg/m³ 8 hours. Form: Total dust

Uracil DNA Glycosylase (UDG)

Glycerol

OSHA PEL 1989 (United States, 3/1989).

TWA: 5 mg/m³ 8 hours. Form: Respirable fraction

TWA: 10 mg/m³ 8 hours. Form: Total dust

OSHA PEL (United States, 6/2016).

TWA: 5 mg/m³ 8 hours. Form: Respirable fraction

TWA: 15 mg/m³ 8 hours. Form: Total dust

RNA Seq Second-strand + End-Repair Oligo Mix

Glycerol

OSHA PEL 1989 (United States, 3/1989).

TWA: 5 mg/m³ 8 hours. Form: Respirable fraction

TWA: 10 mg/m³ 8 hours. Form: Total dust

OSHA PEL (United States, 6/2016).

TWA: 5 mg/m³ 8 hours. Form: Respirable fraction

TWA: 15 mg/m³ 8 hours. Form: Total dust

Potassium chloride

None.

SureSelect RNase Block

Glycerol

OSHA PEL 1989 (United States, 3/1989).

TWA: 5 mg/m³ 8 hours. Form: Respirable fraction

TWA: 10 mg/m³ 8 hours. Form: Total dust

OSHA PEL (United States, 6/2016).

TWA: 5 mg/m³ 8 hours. Form: Respirable fraction

TWA: 15 mg/m³ 8 hours. Form: Total dust

SureSelect Hyb 1

Sodium chloride

None.

Sodium dihydrogenorthophosphate

None.

SureSelect Hyb 2

Disodium dihydrogen ethylenediaminetetraacetate

None.

SureSelect Hyb 4

Sulfuric acid monododecyl ester sodium salt (1:1)

None.

SureSelect Binding Buffer

Sodium chloride

None.

SureSelect Wash Buffer 1

Sodium dodecyl sulphate

None.

Section 8. Exposure controls/personal protection

SureSelect Wash Buffer 2
Sodium dodecyl sulphate

None.

8.2 Exposure controls

Appropriate engineering controls

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures

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

Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin protection

Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state

: <input checked="" type="checkbox"/> RNA Seq Fragmentation Mix	Liquid.
SureSelect Ligation Master Mix	Liquid.
RNA Seq Second-strand + End-Repair Enzyme Mix	Liquid.
RNA Seq dA Tailing Master Mix	Liquid.
RNA Seq PCR Master Mix	Liquid.
RNA Seq First Strand Master Mix	Liquid.
Uracil DNA Glycosylase (UDG)	Liquid.
SureSelect Oligo Adaptor Mix	Liquid.

Section 9. Physical and chemical properties

	SureSelect Primer	Liquid.
	SureSelect XT 8 bp Indexes	Liquid.
	RNA Seq ILM Reverse PCR Primer	Liquid.
	RNA Seq ILM Post-Capture PCR Primer	Liquid.
	RNA Seq Second-strand + End-Repair Oligo Mix	Liquid.
	SureSelect RNase Block	Liquid.
	SureSelect Indexing Block 1	Liquid.
	SureSelect Block 2	Liquid.
	SureSelect Indexing Block 3	Liquid.
	SureSelect Hyb 3	Liquid.
	SureSelect Hyb 1	Liquid.
	SureSelect Hyb 2	Liquid.
	SureSelect Hyb 4	Liquid.
	SureSelect Binding Buffer	Liquid.
	SureSelect Wash Buffer 1	Liquid.
	SureSelect Wash Buffer 2	Liquid.
Color	: 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.
	SureSelect XT 8 bp Indexes	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.
Odor	: 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.
	SureSelect XT 8 bp Indexes	Not available.

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.
Odor threshold	: 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.
	SureSelect XT 8 bp Indexes	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.
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
	SureSelect XT 8 bp Indexes	7
	RNA Seq ILM Reverse PCR Primer	7

Section 9. Physical and chemical properties

	RNA Seq ILM Post-Capture PCR	7
	Primer	
	RNA Seq Second-strand + End-	7.5
	Repair Oligo Mix	
	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 Buffer	7.5
	SureSelect Wash Buffer 1	7
	SureSelect Wash Buffer 2	7
Melting point	: RNA Seq Fragmentation Mix	0°C (32°F)
	SureSelect Ligation Master Mix	Not available.
	RNA Seq Second-strand + End-	Not available.
	Repair Enzyme Mix	
	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	0°C (32°F)
	SureSelect Primer	0°C (32°F)
	SureSelect XT 8 bp Indexes	0°C (32°F)
	RNA Seq ILM Reverse PCR	0°C (32°F)
	Primer	
	RNA Seq ILM Post-Capture PCR	0°C (32°F)
	Primer	
	RNA Seq Second-strand + End-	Not available.
	Repair Oligo Mix	
	SureSelect RNase Block	Not available.
	SureSelect Indexing Block 1	0°C (32°F)
	SureSelect Block 2	0°C (32°F)
	SureSelect Indexing Block 3	0°C (32°F)
	SureSelect Hyb 3	0°C (32°F)
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Not available.
	SureSelect Hyb 4	0°C (32°F)
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	0°C (32°F)
	SureSelect Wash Buffer 2	0°C (32°F)
Boiling point	: RNA Seq Fragmentation Mix	100°C (212°F)
	SureSelect Ligation Master Mix	Not available.
	RNA Seq Second-strand + End-	Not available.
	Repair Enzyme Mix	
	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	100°C (212°F)
	SureSelect Primer	100°C (212°F)
	SureSelect XT 8 bp Indexes	100°C (212°F)
	RNA Seq ILM Reverse PCR	100°C (212°F)
	Primer	
	RNA Seq ILM Post-Capture PCR	100°C (212°F)
	Primer	

Section 9. Physical and chemical properties

	RNA Seq Second-strand + End- Repair Oligo Mix	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Indexing Block 1	100°C (212°F)
	SureSelect Block 2	100°C (212°F)
	SureSelect Indexing Block 3	100°C (212°F)
	SureSelect Hyb 3	100°C (212°F)
	SureSelect Hyb 1	Not available.
	SureSelect Hyb 2	Not available.
	SureSelect Hyb 4	100°C (212°F)
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	100°C (212°F)
	SureSelect Wash Buffer 2	100°C (212°F)
Flash point	: 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.
	SureSelect XT 8 bp Indexes	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.
Evaporation rate	: 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.
	SureSelect XT 8 bp Indexes	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.

Section 9. Physical and chemical properties

	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.
Flammability (solid, gas)	<input checked="" type="checkbox"/> 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.
	SureSelect XT 8 bp Indexes	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.
Lower and upper explosive (flammable) limits	<input checked="" type="checkbox"/> 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.
	SureSelect XT 8 bp Indexes	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.

Section 9. Physical and chemical properties

	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.
Vapor pressure	: 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.
	SureSelect XT 8 bp Indexes	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.
Vapor density	: 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.
	SureSelect XT 8 bp Indexes	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.

Section 9. Physical and chemical properties

	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.
Relative density	: 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.
	SureSelect XT 8 bp Indexes	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.
Solubility	: 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.
	SureSelect XT 8 bp Indexes	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	Easily soluble in the following materials: cold water

Section 9. Physical and chemical properties

Primer	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 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	Not available.
SureSelect XT 8 bp Indexes	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.

Partition coefficient: n-octanol/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	Not available.
SureSelect XT 8 bp Indexes	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.

Section 9. Physical and chemical properties

Auto-ignition temperature	:	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.	
		SureSelect XT 8 bp Indexes	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.	
	Decomposition temperature	:	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.	
		SureSelect XT 8 bp Indexes	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.	

Section 9. Physical and chemical properties

Viscosity	: 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.
	SureSelect XT 8 bp Indexes	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.

Section 10. Stability and reactivity

10.1 Reactivity	: 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.
	SureSelect XT 8 bp Indexes	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.
	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.

Section 10. Stability and reactivity

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.
SureSelect XT 8 bp Indexes	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 Buffer	The product is stable.
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.

Section 10. Stability and reactivity

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.
SureSelect XT 8 bp Indexes	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.

10.4 Conditions to avoid	:	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.
		SureSelect XT 8 bp Indexes	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.

Section 10. Stability and reactivity

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.

10.5 Incompatible materials :	RNA Seq Fragmentation Mix	May react or be incompatible with oxidizing materials.
	SureSelect Ligation Master Mix	May react or be incompatible with oxidizing materials.
	RNA Seq Second-strand + End-Repair Enzyme Mix	May react or be incompatible with oxidizing materials.
	RNA Seq dA Tailing Master Mix	May react or be incompatible with oxidizing materials.
	RNA Seq PCR Master Mix	May react or be incompatible with oxidizing materials.
	RNA Seq First Strand Master Mix	May react or be incompatible with oxidizing materials.
	Uracil DNA Glycosylase (UDG)	May react or be incompatible with oxidizing materials.
	SureSelect Oligo Adaptor Mix	May react or be incompatible with oxidizing materials.
	SureSelect Primer	May react or be incompatible with oxidizing materials.
	SureSelect XT 8 bp Indexes	May react or be incompatible with oxidizing materials.
	RNA Seq ILM Reverse PCR Primer	May react or be incompatible with oxidizing materials.
	RNA Seq ILM Post-Capture PCR Primer	May react or be incompatible with oxidizing materials.
	RNA Seq Second-strand + End-Repair Oligo Mix	May react or be incompatible with oxidizing materials.
	SureSelect RNase Block	May react or be incompatible with oxidizing materials.
	SureSelect Indexing Block 1	May react or be incompatible with oxidizing materials.
	SureSelect Block 2	May react or be incompatible with oxidizing materials.
	SureSelect Indexing Block 3	May react or be incompatible with oxidizing materials.
	SureSelect Hyb 3	May react or be incompatible with oxidizing materials.
	SureSelect Hyb 1	May react or be incompatible with oxidizing materials.
	SureSelect Hyb 2	May react or be incompatible with oxidizing materials.
	SureSelect Hyb 4	May react or be incompatible with oxidizing materials.
	SureSelect Binding Buffer	May react or be incompatible with oxidizing materials.
	SureSelect Wash Buffer 1	May react or be incompatible with oxidizing materials.
	SureSelect Wash Buffer 2	May react or be incompatible with oxidizing materials.

Section 10. Stability and reactivity

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.
SureSelect XT 8 bp Indexes	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 Hyb 2	Under normal conditions of storage and use,

Section 10. Stability and reactivity

SureSelect Hyb 4	hazardous decomposition products should not be produced. 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
SureSelect Ligation Master Mix				
Glycerol	LD50 Oral	Rat	12600 mg/kg	-
RNA Seq Second-strand + End-Repair Enzyme Mix				
Glycerol	LD50 Oral	Rat	12600 mg/kg	-
Potassium chloride	LD50 Oral	Rat	2600 mg/kg	-
RNA Seq dA Tailing Master Mix				
Glycerol	LD50 Oral	Rat	12600 mg/kg	-
RNA Seq PCR Master Mix				
Glycerol	LD50 Oral	Rat	12600 mg/kg	-
RNA Seq First Strand Master Mix				
Glycerol	LD50 Oral	Rat	12600 mg/kg	-
Uracil DNA Glycosylase (UDG)				
Glycerol	LD50 Oral	Rat	12600 mg/kg	-
RNA Seq Second-strand + End-Repair Oligo Mix				
Glycerol	LD50 Oral	Rat	12600 mg/kg	-
Potassium chloride	LD50 Oral	Rat	2600 mg/kg	-
SureSelect RNase Block				
Glycerol	LD50 Oral	Rat	12600 mg/kg	-
SureSelect Hyb 1				
Sodium chloride	LD50 Oral	Rat	3000 mg/kg	-
Sodium dihydrogenorthophosphate	LD50 Oral	Rat	8290 mg/kg	-

Section 11. Toxicological information

SureSelect Hyb 2 Disodium dihydrogen ethylenediaminetetraacetate	LD50 Oral	Rat	2 g/kg	-
SureSelect Binding Buffer Sodium chloride	LD50 Oral	Rat	3000 mg/kg	-
SureSelect Wash Buffer 1 Sodium dodecyl sulphate	LD50 Oral	Rat	1288 mg/kg	-
SureSelect Wash Buffer 2 Sodium dodecyl sulphate	LD50 Oral	Rat	1288 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
SureSelect Ligation Master Mix					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
Polyethylene glycol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Eyes - Mild irritant	Rabbit	-	500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	500 milligrams	-
RNA Seq Second-strand + End-Repair Enzyme Mix					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
Potassium chloride	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
RNA Seq dA Tailing Master Mix					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
Polyethylene glycol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Eyes - Mild irritant	Rabbit	-	500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	500 milligrams	-
RNA Seq PCR Master Mix					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500	-

Section 11. Toxicological information

RNA Seq First Strand Master Mix				milligrams	
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
Uracil DNA Glycosylase (UDG)					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
RNA Seq Second-strand + End-Repair Oligo Mix					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
Potassium chloride	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
SureSelect RNase Block					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
SureSelect Hyb 1					
Sodium chloride	Eyes - Moderate irritant	Rabbit	-	24 hours 100 milligrams	-
	Eyes - Moderate irritant	Rabbit	-	10 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
Sodium dihydrogenorthophosphate	Eyes - Mild irritant	Rabbit	-	150 milligrams	-
SureSelect Binding Buffer					
Sodium chloride	Eyes - Moderate irritant	Rabbit	-	24 hours 100 milligrams	-
	Eyes - Moderate irritant	Rabbit	-	10 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
SureSelect Wash Buffer 1					
Sodium dodecyl sulphate	Eyes - Mild irritant	Rabbit	-	250 Micrograms	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 100 milligrams	-
	Eyes - Moderate irritant	Rabbit	-	10 milligrams	-
	Skin - Mild irritant	Guinea pig	-	24 hours 25 milligrams	-
	Skin - Moderate irritant	Mouse	-	24 hours 25 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 50	-

Section 11. Toxicological information

SureSelect Wash Buffer 2 Sodium dodecyl sulphate	Skin - Moderate irritant	Rabbit	-	milligrams 24 hours 25 milligrams	-
	Eyes - Mild irritant	Rabbit	-	250 Micrograms	-
	Eyes - Moderate irritant	Rabbit	-	24 hours 100 milligrams	-
	Eyes - Moderate irritant Skin - Mild irritant	Rabbit Guinea pig	- -	10 milligrams 24 hours 25 milligrams	- -
	Skin - Moderate irritant	Mouse	-	24 hours 25 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 50 milligrams	-
	Skin - Moderate irritant	Rabbit	-	24 hours 25 milligrams	-

Sensitization

Not available.

Mutagenicity

Conclusion/Summary : Not available.

Carcinogenicity

Conclusion/Summary : Not available.

Reproductive toxicity

Conclusion/Summary : Not available.

Teratogenicity

Conclusion/Summary : Not available.

Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
SureSelect Ligation Master Mix Polyethylene glycol	Category 3	Not applicable.	Respiratory tract irritation
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	Category 3	Not applicable.	Respiratory tract irritation
RNA Seq dA Tailing Master Mix Polyethylene glycol	Category 3	Not applicable.	Respiratory tract irritation
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	Category 3	Not applicable.	Respiratory tract irritation
SureSelect Wash Buffer 1 Sodium dodecyl sulphate	Category 3	Not applicable.	Respiratory tract irritation
SureSelect Wash Buffer 2 Sodium dodecyl sulphate	Category 3	Not applicable.	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Section 11. Toxicological information

Name	Category	Route of exposure	Target organs
SureSelect Hyb 2 Disodium dihydrogen ethylenediaminetetraacetate	Category 2	Inhalation	respiratory tract

Aspiration hazard

Not available.

Information on the likely routes of exposure

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.
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	Not available.
SureSelect XT 8 bp Indexes	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	Routes of entry anticipated: Oral, Dermal, Inhalation.
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

Eye contact

RNA Seq Fragmentation Mix	No known significant effects or critical hazards.
SureSelect Ligation Master Mix	Causes serious eye irritation.
RNA Seq Second-strand + End-Repair Enzyme Mix	Causes eye irritation.
RNA Seq dA Tailing Master Mix	Causes serious eye irritation.
RNA Seq PCR Master Mix	No known significant effects or critical hazards.
RNA Seq First Strand Master Mix	Causes eye irritation.
Uracil DNA Glycosylase (UDG)	Causes eye irritation.
SureSelect Oligo Adaptor Mix	No known significant effects or critical hazards.
SureSelect Primer	No known significant effects or critical hazards.
SureSelect XT 8 bp Indexes	No known significant effects or critical hazards.
RNA Seq ILM Reverse PCR	No known significant effects or critical hazards.

Section 11. Toxicological information

	Primer	
	RNA Seq ILM Post-Capture PCR Primer	No known significant effects or critical hazards.
	RNA Seq Second-strand + End-Repair Oligo Mix	Causes eye irritation.
	SureSelect RNase Block	Causes eye irritation.
	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	Causes serious eye irritation.
	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.
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	No known significant effects or critical hazards.
	SureSelect XT 8 bp Indexes	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.
Skin contact	: 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.
	SureSelect XT 8 bp Indexes	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	No known significant effects or critical hazards.

Section 11. Toxicological information

	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.
Ingestion	: 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.
	SureSelect XT 8 bp Indexes	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.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: RNA Seq Fragmentation Mix	No specific data.
	SureSelect Ligation Master Mix	Adverse symptoms may include the following: pain or irritation watering redness
	RNA Seq Second-strand + End- Repair Enzyme Mix	Adverse symptoms may include the following: irritation watering redness
	RNA Seq dA Tailing Master Mix	Adverse symptoms may include the following: pain or irritation watering redness

Section 11. Toxicological information

RNA Seq PCR Master Mix	No specific data.
RNA Seq First Strand Master Mix	Adverse symptoms may include the following: irritation watering redness
Uracil DNA Glycosylase (UDG)	Adverse symptoms may include the following: irritation watering redness
SureSelect Oligo Adaptor Mix	No specific data.
SureSelect Primer	No specific data.
SureSelect XT 8 bp Indexes	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	Adverse symptoms may include the following: irritation watering redness
SureSelect RNase Block	Adverse symptoms may include the following: irritation watering redness
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	Adverse symptoms may include the following: pain or irritation watering redness
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.
SureSelect XT 8 bp Indexes	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.

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.
SureSelect XT 8 bp Indexes	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.

Section 11. Toxicological information

	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.
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.
	SureSelect XT 8 bp Indexes	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.
Ingestion	: 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.
	SureSelect XT 8 bp Indexes	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.

Section 11. Toxicological information

	SureSelect Oligo Adaptor Mix	No known significant effects or critical hazards.
	SureSelect Primer	No known significant effects or critical hazards.
	SureSelect XT 8 bp Indexes	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.
Mutagenicity	: 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.
	SureSelect XT 8 bp Indexes	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.
Teratogenicity	: 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.

Section 11. Toxicological information

	SureSelect XT 8 bp Indexes	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.
Developmental effects	: 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.
	SureSelect XT 8 bp Indexes	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.
Fertility effects	: 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.
	SureSelect XT 8 bp Indexes	No known significant effects or critical hazards.
	RNA Seq ILM Reverse PCR	No known significant effects or critical hazards.

Section 11. Toxicological information

Primer 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.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
RNA Seq Second-strand + End-Repair Enzyme Mix Oral	192592.6 mg/kg
RNA Seq Second-strand + End-Repair Oligo Mix Oral	192592.6 mg/kg
SureSelect Hyb 1 Oral	17142.9 mg/kg
SureSelect Hyb 2 Oral Inhalation (dusts and mists)	13698.6 mg/kg 10.27 mg/l
SureSelect Hyb 4 Oral	128800 mg/kg
SureSelect Binding Buffer Oral	51369.9 mg/kg

Section 12. Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
SureSelect Ligation Master Mix Glycerol Polyethylene glycol	Acute LC50 54000 mg/l Fresh water Acute LC50 >1000000 µg/l Fresh water	Fish - Oncorhynchus mykiss Fish - Salmo salar - Parr	96 hours 96 hours
RNA Seq Second-strand + End-Repair Enzyme Mix Glycerol Potassium chloride	Acute LC50 54000 mg/l Fresh water Acute EC50 1337000 µg/l Fresh water Acute EC50 9.24 g/L Fresh water	Fish - Oncorhynchus mykiss Algae - Navicula seminulum Algae - Desmodesmus	96 hours 96 hours 72 hours

Section 12. Ecological information

	Acute EC50 141460 µg/l Fresh water Acute LC50 12.92 mg/l Fresh water	subspicatus Daphnia - Daphnia magna Crustaceans - Pseudosida ramosa - Neonate	48 hours 48 hours
	Acute LC50 880 mg/l Fresh water	Fish - Pimephales promelas	96 hours
RNA Seq dA Tailing Master Mix			
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
Polyethylene glycol	Acute LC50 >1000000 µg/l Fresh water	Fish - Salmo salar - Parr	96 hours
RNA Seq PCR Master Mix			
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
RNA Seq First Strand Master Mix			
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
Uracil DNA Glycosylase (UDG)			
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
RNA Seq Second-strand + End-Repair Oligo Mix			
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
Potassium chloride	Acute EC50 1337000 µg/l Fresh water Acute EC50 9.24 g/L Fresh water	Algae - Navicula seminulum Algae - Desmodesmus subspicatus	96 hours 96 hours 72 hours
	Acute EC50 141460 µg/l Fresh water Acute LC50 12.92 mg/l Fresh water	Daphnia - Daphnia magna Crustaceans - Pseudosida ramosa - Neonate	48 hours 48 hours
	Acute LC50 880 mg/l Fresh water	Fish - Pimephales promelas	96 hours
SureSelect RNase Block			
Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
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 Acute EC50 402600 µg/l Fresh water Acute IC50 6.87 g/L Fresh water Acute LC50 1000000 µg/l Fresh water Chronic LC10 781 mg/l Fresh water	Crustaceans - Cypris subglobosa Daphnia - Daphnia magna Aquatic plants - Lemna minor Fish - Morone saxatilis - Larvae Crustaceans - Hyalella azteca - Juvenile (Fledgling, Hatchling, Weanling)	48 hours 48 hours 96 hours 96 hours 3 weeks
	Chronic NOEC 6 g/L Fresh water Chronic NOEC 0.314 g/L Fresh water Chronic NOEC 100 mg/l Fresh water Acute LC50 720 ppm Fresh water	Aquatic plants - Lemna minor Daphnia - Daphnia pulex Fish - Gambusia holbrooki - Adult Fish - Gambusia affinis - Adult	96 hours 21 days 8 weeks 96 hours
Sodium dihydrogenorthophosphate			
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 Acute EC50 402600 µg/l Fresh water Acute IC50 6.87 g/L Fresh water	Crustaceans - Cypris subglobosa Daphnia - Daphnia magna Aquatic plants - Lemna minor	48 hours 48 hours 96 hours

Section 12. Ecological information

SureSelect Wash Buffer 1 Sodium dodecyl sulphate	Acute LC50 1000000 µg/l Fresh water Chronic LC10 781 mg/l Fresh water	Fish - <i>Morone saxatilis</i> - Larvae Crustaceans - <i>Hyalella azteca</i> - Juvenile (Fledgling, Hatchling, Weanling)	96 hours 3 weeks
	Chronic NOEC 6 g/L Fresh water Chronic NOEC 0.314 g/L Fresh water Chronic NOEC 100 mg/l Fresh water	Aquatic plants - <i>Lemna minor</i> Daphnia - <i>Daphnia pulex</i> Fish - <i>Gambusia holbrooki</i> - Adult	96 hours 21 days 8 weeks
	Acute EC50 1200 µg/l Marine water Acute LC50 900 µg/l Marine water	Algae - <i>Skeletonema costatum</i> Crustaceans - <i>Artemia salina</i> - Adult	96 hours 48 hours
	Acute LC50 1400 µg/l Fresh water	Daphnia - <i>Daphnia pulex</i> - Neonate	48 hours
	Acute LC50 590 µg/l Fresh water Chronic NOEC 1.25 mg/l Marine water Chronic NOEC 1 mg/l Fresh water	Fish - <i>Cirrhinus mrigala</i> - Larvae Algae - <i>Ulva fasciata</i> - Zoea Crustaceans - <i>Pseudosida ramosa</i> - Neonate	96 hours 96 hours 21 days
	Chronic NOEC 3.2 mg/l Fresh water	Daphnia - <i>Daphnia magna</i> - Neonate	21 days
	Chronic NOEC >1357 µg/l Fresh water	Fish - <i>Pimephales promelas</i>	42 days
SureSelect Wash Buffer 2 Sodium dodecyl sulphate	Acute EC50 1200 µg/l Marine water Acute LC50 900 µg/l Marine water	Algae - <i>Skeletonema costatum</i> Crustaceans - <i>Artemia salina</i> - Adult	96 hours 48 hours
	Acute LC50 1400 µg/l Fresh water	Daphnia - <i>Daphnia pulex</i> - Neonate	48 hours
	Acute LC50 590 µg/l Fresh water Chronic NOEC 1.25 mg/l Marine water Chronic NOEC 1 mg/l Fresh water	Fish - <i>Cirrhinus mrigala</i> - Larvae Algae - <i>Ulva fasciata</i> - Zoea Crustaceans - <i>Pseudosida ramosa</i> - Neonate	96 hours 96 hours 21 days
	Chronic NOEC 3.2 mg/l Fresh water	Daphnia - <i>Daphnia magna</i> - Neonate	21 days
	Chronic NOEC >1357 µg/l Fresh water	Fish - <i>Pimephales promelas</i>	42 days

12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
SureSelect Ligation Master Mix Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
RNA Seq Second-strand + End-Repair Enzyme Mix Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
RNA Seq dA Tailing Master Mix Glycerol	301D Ready Biodegradability - Closed Bottle	93 % - 30 days	-	-

Section 12. Ecological information

Product/ingredient name	Test	Aquatic half-life	Photolysis	Biodegradability
RNA Seq PCR Master Mix Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
RNA Seq First Strand Master Mix Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
Uracil DNA Glycosylase (UDG) Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
RNA Seq Second-strand + End-Repair Oligo Mix Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
SureSelect RNase Block Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
RNA Seq Second-strand + End-Repair Enzyme Mix Potassium chloride	-	-	Readily
RNA Seq Second-strand + End-Repair Oligo Mix Potassium chloride	-	-	Readily

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
SureSelect Ligation Master Mix Glycerol	-1.76	-	low
Polyethylene glycol	-	3.2	low
RNA Seq Second-strand + End-Repair Enzyme Mix Glycerol	-1.76	-	low
Potassium chloride	-0.46	-	low

Section 12. Ecological information

RNA Seq dA Tailing Master Mix			
Glycerol	-1.76	-	low
Polyethylene glycol	-	3.2	low
RNA Seq PCR Master Mix			
Glycerol	-1.76	-	low
RNA Seq First Strand Master Mix			
Glycerol	-1.76	-	low
Uracil DNA Glycosylase (UDG)			
Glycerol	-1.76	-	low
RNA Seq Second-strand + End-Repair Oligo Mix			
Glycerol	-1.76	-	low
Potassium chloride	-0.46	-	low
SureSelect RNase Block			
Glycerol	-1.76	-	low
SureSelect Hyb 2			
Disodium dihydrogen ethylenediaminetetraacetate	-4.3	1.8	low
SureSelect Wash Buffer 1			
Sodium dodecyl sulphate	-2.03	-	low
SureSelect Wash Buffer 2			
Sodium dodecyl sulphate	-2.03	-	low

12.4 Mobility in soil

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

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

Section 13. Disposal considerations

13.1 Waste treatment methods

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

Section 13. Disposal considerations

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

Section 14. Transport information

DOT / TDG / Mexico / IMDG / IATA : Not regulated.

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

Transport in bulk according 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

U.S. Federal regulations : TSCA 8(a) PAIR: Polyoxyethylene octyl phenyl ether
TSCA 8(a) CDR Exempt/Partial exemption: Not determined
Clean Water Act (CWA) 311: Edetic acid; Potassium hydroxide

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Section 15. Regulatory information

Classification	: RNA Seq Fragmentation Mix	Not applicable.
	SureSelect Ligation Master Mix	EYE IRRITATION - Category 2A
	RNA Seq Second-strand + End-Repair Enzyme Mix	EYE IRRITATION - Category 2B
	RNA Seq dA Tailing Master Mix	EYE IRRITATION - Category 2A
	RNA Seq PCR Master Mix	Not applicable.
	RNA Seq First Strand Master Mix	EYE IRRITATION - Category 2B
	Uracil DNA Glycosylase (UDG)	EYE IRRITATION - Category 2B
	SureSelect Oligo Adaptor Mix	Not applicable.
	SureSelect Primer	Not applicable.
	SureSelect XT 8 bp Indexes	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	EYE IRRITATION - Category 2B
	SureSelect RNase Block	EYE IRRITATION - Category 2B
	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	EYE IRRITATION - Category 2A
	SureSelect Hyb 2	EYE IRRITATION - Category 2A
		SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (respiratory tract) - Category 2
	SureSelect Hyb 4	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.

Composition/information on ingredients

Name	%	Classification
SureSelect Ligation Master Mix		
Glycerol	≥25 - ≤50	EYE IRRITATION - Category 2A
Polyethylene glycol	≥10 - ≤17	EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
2-Amino-2-(hydroxymethyl) propane-1,3-diol hydrochloride	≤2.7	SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
RNA Seq Second-strand + End-Repair Enzyme Mix		
Glycerol	≥10 - ≤25	EYE IRRITATION - Category 2A
Potassium chloride	≤3	EYE IRRITATION - Category 2A
RNA Seq dA Tailing Master Mix		
Glycerol	≥10 - ≤25	EYE IRRITATION - Category 2A
Polyethylene glycol	≥10 - ≤17	EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
2-Amino-2-(hydroxymethyl) propane-1,3-diol hydrochloride	≤2.7	SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
RNA Seq PCR Master Mix		
Glycerol	<10	EYE IRRITATION - Category 2A

Section 15. Regulatory information

RNA Seq First Strand Master Mix Glycerol	≥10 - ≤25	EYE IRRITATION - Category 2A
Uracil DNA Glycosylase (UDG) Glycerol	≥50 - ≤75	EYE IRRITATION - Category 2A
RNA Seq Second-strand + End-Repair Oligo Mix Glycerol Potassium chloride	≥10 - ≤25 ≤3	EYE IRRITATION - Category 2A EYE IRRITATION - Category 2A
SureSelect RNase Block Glycerol	≥50 - ≤75	EYE IRRITATION - Category 2A
SureSelect Hyb 1 Sodium chloride Sodium dihydrogenorthophosphate	≥10 - ≤25 ≤3	EYE IRRITATION - Category 2A EYE IRRITATION - Category 2A
SureSelect Hyb 2 Disodium dihydrogen ethylenediaminetetraacetate	≥10 - ≤25	ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (inhalation) - Category 4 EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (respiratory tract) (inhalation) - Category 2
SureSelect Hyb 4 Sulfuric acid monododecyl ester sodium salt (1:1)	≤3	ACUTE TOXICITY (oral) - Category 4
SureSelect Binding Buffer Sodium chloride	<10	EYE IRRITATION - Category 2A

State regulations

- Massachusetts** : The following components are listed: GLYCERINE MIST
- New York** : None of the components are listed.
- New Jersey** : The following components are listed: GLYCERIN; 1,2,3-PROPANETRIOL
- Pennsylvania** : The following components are listed: 1,2,3-PROPANETRIOL

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.

Section 15. Regulatory information

Inventory list

Australia	: Not determined.
Canada	: Not determined.
China	: Not determined.
Europe	: Not determined.
Japan	: Japan inventory (ENCS) : Not determined. Japan inventory (ISHL) : 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.

Section 16. Other information

History

Date of issue	: 08/23/2018
Date of previous issue	: 07/20/2017
Version	: 2

Procedure used to derive the classification

Classification	Justification
SureSelect Ligation Master Mix EYE IRRITATION - Category 2A	Calculation method
RNA Seq Second-strand + End-Repair Enzyme Mix EYE IRRITATION - Category 2B	Calculation method
RNA Seq dA Tailing Master Mix EYE IRRITATION - Category 2A	Calculation method
RNA Seq First Strand Master Mix EYE IRRITATION - Category 2B	Calculation method
Uracil DNA Glycosylase (UDG) EYE IRRITATION - Category 2B	Calculation method
RNA Seq Second-strand + End-Repair Oligo Mix EYE IRRITATION - Category 2B	Calculation method
SureSelect RNase Block EYE IRRITATION - Category 2B	Calculation method
SureSelect Hyb 1 EYE IRRITATION - Category 2A	Calculation method
SureSelect Hyb 2 EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (respiratory tract) -	Calculation method Calculation method

Section 16. Other information

Category 2

✔ Indicates information that has changed from previously issued version.

[Notice to reader](#)

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