

# SAFETY DATA SHEET



SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127

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

### 1.1 Product identifier

<b>Product name</b>	:	SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127
<b>CAS number</b>	:	DMSO 67-68-5 SureSelect QXT Not applicable. Enzyme Mix ILM SureSelect QXT Buffer Not applicable. Herculase II Fusion DNA Not applicable. Polymerase SureSelect QXT Index 1 Not applicable. Read Primer SureSelect QXT Read Primer 1 Not applicable. SureSelect QXT Read Primer 2 Not applicable. SureSelect QXT P7 i1 Not applicable. SureSelect QXT P7 i2 Not applicable. SureSelect QXT P7 i3 Not applicable. SureSelect QXT P7 i4 Not applicable. SureSelect QXT P7 i5 Not applicable. SureSelect QXT P7 i6 Not applicable. SureSelect QXT P7 i7 Not applicable. SureSelect QXT P7 i8 Not applicable. SureSelect QXT P7 i9 Not applicable. SureSelect QXT P7 i10 Not applicable. SureSelect QXT P7 i11 Not applicable. SureSelect QXT P7 i12 Not applicable. SureSelect QXT P5 i13 Not applicable. SureSelect QXT P5 i14 Not applicable. SureSelect QXT P5 i15 Not applicable. SureSelect QXT P5 i16 Not applicable. SureSelect QXT P5 i17 Not applicable. SureSelect QXT P5 i18 Not applicable. SureSelect QXT P5 i19 Not applicable. SureSelect QXT P5 i20 Not applicable. 100 mM dNTP Mix Not applicable. 5X Herculase II Reaction Buffer Not applicable. SureSelect QXT Index 2 Read Primer Not applicable.
<b>Part no. (chemical kit)</b>	:	5500-0127
<b>Part no.</b>	:	DMSO 600260-53 SureSelect QXT 5190-7052 Enzyme Mix ILM SureSelect QXT Buffer 5190-7053 Herculase II Fusion DNA 5190-7751 Polymerase SureSelect QXT Index 1 5191-4062 Read Primer SureSelect QXT Read Primer 1 5190-7949 SureSelect QXT Read Primer 2 5190-7056 SureSelect QXT P7 i1 5190-7061 SureSelect QXT P7 i2 5190-7062 SureSelect QXT P7 i3 5190-7063 SureSelect QXT P7 i4 5190-7064

SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127

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

SureSelect QXT P7 i5	5190-7065
SureSelect QXT P7 i6	5190-7066
SureSelect QXT P7 i7	5190-7067
SureSelect QXT P7 i8	5190-7068
SureSelect QXT P7 i9	5190-7069
SureSelect QXT P7 i10	5190-7070
SureSelect QXT P7 i11	5190-7071
SureSelect QXT P7 i12	5190-7072
SureSelect QXT P5 i13	5190-7073
SureSelect QXT P5 i14	5190-7074
SureSelect QXT P5 i15	5190-7075
SureSelect QXT P5 i16	5190-7076
SureSelect QXT P5 i17	5190-7077
SureSelect QXT P5 i18	5190-7078
SureSelect QXT P5 i19	5190-7079
SureSelect QXT P5 i20	5190-7080
100 mM dNTP Mix	5190-7750
5X Herculase II Reaction Buffer	600675-52
SureSelect QXT Index 2 Read Primer	5191-4064

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

#### Material uses

: Analytical reagent.

DMSO	1 ml
SureSelect QXT Enzyme Mix ILM	0.3 ml (96 reactions)
SureSelect QXT Buffer	2.6 ml (96 reactions)
Herculase II Fusion DNA Polymerase	0.31 ml (192 reactions)
SureSelect QXT Index 1 Read Primer	2.4 ml (96 reactions)
SureSelect QXT Read Primer 1	1.59 ml (96 reactions)
SureSelect QXT Read Primer 2	1.6 ml (96 reactions)
SureSelect QXT P7 i1	0.04 ml (96 reactions)
SureSelect QXT P7 i2	0.04 ml (96 reactions)
SureSelect QXT P7 i3	0.04 ml (96 reactions)
SureSelect QXT P7 i4	0.04 ml (96 reactions)
SureSelect QXT P7 i5	0.04 ml (96 reactions)
SureSelect QXT P7 i6	0.04 ml (96 reactions)
SureSelect QXT P7 i7	0.04 ml (96 reactions)
SureSelect QXT P7 i8	0.04 ml (96 reactions)
SureSelect QXT P7 i9	0.04 ml (96 reactions)
SureSelect QXT P7 i10	0.04 ml (96 reactions)
SureSelect QXT P7 i11	0.04 ml (96 reactions)
SureSelect QXT P7 i12	0.04 ml (96 reactions)
SureSelect QXT P5 i13	0.06 ml (96 reactions)
SureSelect QXT P5 i14	0.06 ml (96 reactions)
SureSelect QXT P5 i15	0.06 ml (96 reactions)
SureSelect QXT P5 i16	0.06 ml (96 reactions)
SureSelect QXT P5 i17	0.06 ml (96 reactions)
SureSelect QXT P5 i18	0.06 ml (96 reactions)
SureSelect QXT P5 i19	0.06 ml (96 reactions)
SureSelect QXT P5 i20	0.06 ml (96 reactions)
100 mM dNTP Mix	0.16 ml (192 reactions)
5X Herculase II Reaction Buffer	0.35 ml (32 reactions)
SureSelect QXT Index 2 Read Primer	2.4 ml (96 reactions)

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

SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127

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

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

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

### 1.4 Emergency telephone number

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

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

<b>Product definition</b>	:	DMSO	Mono-constituent substance
		SureSelect QXT Enzyme Mix ILM	Mixture
		SureSelect QXT Buffer	Mixture
		Herculase II Fusion DNA Polymerase	Mixture
		SureSelect QXT Index 1 Read Primer	Mixture
		SureSelect QXT Read Primer 1	Mixture
		SureSelect QXT Read Primer 2	Mixture
		SureSelect QXT P7 i1	Mixture
		SureSelect QXT P7 i2	Mixture
		SureSelect QXT P7 i3	Mixture
		SureSelect QXT P7 i4	Mixture
		SureSelect QXT P7 i5	Mixture
		SureSelect QXT P7 i6	Mixture
		SureSelect QXT P7 i7	Mixture
		SureSelect QXT P7 i8	Mixture
		SureSelect QXT P7 i9	Mixture
		SureSelect QXT P7 i10	Mixture
		SureSelect QXT P7 i11	Mixture
		SureSelect QXT P7 i12	Mixture
		SureSelect QXT P5 i13	Mixture
		SureSelect QXT P5 i14	Mixture
		SureSelect QXT P5 i15	Mixture
		SureSelect QXT P5 i16	Mixture
		SureSelect QXT P5 i17	Mixture
		SureSelect QXT P5 i18	Mixture
		SureSelect QXT P5 i19	Mixture
		SureSelect QXT P5 i20	Mixture
		100 mM dNTP Mix	Mixture
		5X Herculase II Reaction Buffer	Mixture
		SureSelect QXT Index 2 Read Primer	Mixture

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

Not classified.

## SECTION 2: Hazards identification

<b>Ingredients of unknown toxicity</b>	: SureSelect QXT Enzyme Mix ILM	Percentage of the mixture consisting of ingredient(s) of unknown acute dermal toxicity: 1 - 10%
	SureSelect QXT Buffer	Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 30 - 60%
	Herculase II Fusion DNA Polymerase	Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 30 - 60%
	100 mM dNTP Mix	Percentage of the mixture consisting of ingredient(s) of unknown acute dermal toxicity: 1 - 10%
	5X Herculase II Reaction Buffer	Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 1 - 10%
	5X Herculase II Reaction Buffer	Percentage of the mixture consisting of ingredient(s) of unknown acute dermal toxicity: 1 - 10%
	5X Herculase II Reaction Buffer	Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 1 - 10%
<b>Ingredients of unknown ecotoxicity</b>	: 100 mM dNTP Mix	Contains 5.7% of components with unknown hazards to the aquatic environment

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

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

### 2.2 Label elements

<b>Signal word</b>	: DMSO	No signal word.
	SureSelect QXT Enzyme Mix ILM	No signal word.
	SureSelect QXT Buffer	No signal word.
	Herculase II Fusion DNA Polymerase	No signal word.
	SureSelect QXT Index 1 Read Primer	No signal word.
	SureSelect QXT Read Primer 1	No signal word.
	SureSelect QXT Read Primer 2	No signal word.
	SureSelect QXT P7 i1	No signal word.
	SureSelect QXT P7 i2	No signal word.
	SureSelect QXT P7 i3	No signal word.
	SureSelect QXT P7 i4	No signal word.
	SureSelect QXT P7 i5	No signal word.
	SureSelect QXT P7 i6	No signal word.
	SureSelect QXT P7 i7	No signal word.
	SureSelect QXT P7 i8	No signal word.
	SureSelect QXT P7 i9	No signal word.
	SureSelect QXT P7 i10	No signal word.
	SureSelect QXT P7 i11	No signal word.
	SureSelect QXT P7 i12	No signal word.
	SureSelect QXT P5 i13	No signal word.
	SureSelect QXT P5 i14	No signal word.
	SureSelect QXT P5 i15	No signal word.
	SureSelect QXT P5 i16	No signal word.
	SureSelect QXT P5 i17	No signal word.
	SureSelect QXT P5 i18	No signal word.
	SureSelect QXT P5 i19	No signal word.
	SureSelect QXT P5 i20	No signal word.
	100 mM dNTP Mix	No signal word.
	5X Herculase II Reaction Buffer	No signal word.
	SureSelect QXT Index 2	No signal word.

## SECTION 2: Hazards identification

	Read Primer	
<b>Hazard statements</b>	: DMSO	No known significant effects or critical hazards.
	SureSelect QXT Enzyme Mix ILM	No known significant effects or critical hazards.
	SureSelect QXT Buffer	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	SureSelect QXT Index 1 Read Primer	No known significant effects or critical hazards.
	SureSelect QXT Read Primer 1	No known significant effects or critical hazards.
	SureSelect QXT Read Primer 2	No known significant effects or critical hazards.
	SureSelect QXT P7 i1	No known significant effects or critical hazards.
	SureSelect QXT P7 i2	No known significant effects or critical hazards.
	SureSelect QXT P7 i3	No known significant effects or critical hazards.
	SureSelect QXT P7 i4	No known significant effects or critical hazards.
	SureSelect QXT P7 i5	No known significant effects or critical hazards.
	SureSelect QXT P7 i6	No known significant effects or critical hazards.
	SureSelect QXT P7 i7	No known significant effects or critical hazards.
	SureSelect QXT P7 i8	No known significant effects or critical hazards.
	SureSelect QXT P7 i9	No known significant effects or critical hazards.
	SureSelect QXT P7 i10	No known significant effects or critical hazards.
	SureSelect QXT P7 i11	No known significant effects or critical hazards.
	SureSelect QXT P7 i12	No known significant effects or critical hazards.
	SureSelect QXT P5 i13	No known significant effects or critical hazards.
	SureSelect QXT P5 i14	No known significant effects or critical hazards.
	SureSelect QXT P5 i15	No known significant effects or critical hazards.
	SureSelect QXT P5 i16	No known significant effects or critical hazards.
	SureSelect QXT P5 i17	No known significant effects or critical hazards.
	SureSelect QXT P5 i18	No known significant effects or critical hazards.
	SureSelect QXT P5 i19	No known significant effects or critical hazards.
	SureSelect QXT P5 i20	No known significant effects or critical hazards.
	100 mM dNTP Mix	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect QXT Index 2 Read Primer	No known significant effects or critical hazards.

### Precautionary statements

<b>Prevention</b>	: DMSO	Not applicable.
	SureSelect QXT Enzyme Mix ILM	Not applicable.
	SureSelect QXT Buffer	Not applicable.
	Herculase II Fusion DNA Polymerase	Not applicable.
	SureSelect QXT Index 1 Read Primer	Not applicable.
	SureSelect QXT Read Primer 1	Not applicable.
	SureSelect QXT Read Primer 2	Not applicable.
	SureSelect QXT P7 i1	Not applicable.
	SureSelect QXT P7 i2	Not applicable.
	SureSelect QXT P7 i3	Not applicable.
	SureSelect QXT P7 i4	Not applicable.
	SureSelect QXT P7 i5	Not applicable.
	SureSelect QXT P7 i6	Not applicable.
	SureSelect QXT P7 i7	Not applicable.
	SureSelect QXT P7 i8	Not applicable.
	SureSelect QXT P7 i9	Not applicable.
	SureSelect QXT P7 i10	Not applicable.
	SureSelect QXT P7 i11	Not applicable.

## SECTION 2: Hazards identification

	SureSelect QXT P7 i12	Not applicable.
	SureSelect QXT P5 i13	Not applicable.
	SureSelect QXT P5 i14	Not applicable.
	SureSelect QXT P5 i15	Not applicable.
	SureSelect QXT P5 i16	Not applicable.
	SureSelect QXT P5 i17	Not applicable.
	SureSelect QXT P5 i18	Not applicable.
	SureSelect QXT P5 i19	Not applicable.
	SureSelect QXT P5 i20	Not applicable.
	100 mM dNTP Mix	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect QXT Index 2 Read Primer	Not applicable.
<b>Response</b>	: DMSO	Not applicable.
	SureSelect QXT Enzyme Mix ILM	Not applicable.
	SureSelect QXT Buffer	Not applicable.
	Herculase II Fusion DNA Polymerase	Not applicable.
	SureSelect QXT Index 1 Read Primer	Not applicable.
	SureSelect QXT Read Primer 1	Not applicable.
	SureSelect QXT Read Primer 2	Not applicable.
	SureSelect QXT P7 i1	Not applicable.
	SureSelect QXT P7 i2	Not applicable.
	SureSelect QXT P7 i3	Not applicable.
	SureSelect QXT P7 i4	Not applicable.
	SureSelect QXT P7 i5	Not applicable.
	SureSelect QXT P7 i6	Not applicable.
	SureSelect QXT P7 i7	Not applicable.
	SureSelect QXT P7 i8	Not applicable.
	SureSelect QXT P7 i9	Not applicable.
	SureSelect QXT P7 i10	Not applicable.
	SureSelect QXT P7 i11	Not applicable.
	SureSelect QXT P7 i12	Not applicable.
	SureSelect QXT P5 i13	Not applicable.
	SureSelect QXT P5 i14	Not applicable.
	SureSelect QXT P5 i15	Not applicable.
	SureSelect QXT P5 i16	Not applicable.
	SureSelect QXT P5 i17	Not applicable.
	SureSelect QXT P5 i18	Not applicable.
	SureSelect QXT P5 i19	Not applicable.
	SureSelect QXT P5 i20	Not applicable.
	100 mM dNTP Mix	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect QXT Index 2 Read Primer	Not applicable.
<b>Storage</b>	: DMSO	Not applicable.
	SureSelect QXT Enzyme Mix ILM	Not applicable.
	SureSelect QXT Buffer	Not applicable.
	Herculase II Fusion DNA Polymerase	Not applicable.
	SureSelect QXT Index 1 Read Primer	Not applicable.
	SureSelect QXT Read Primer 1	Not applicable.
	SureSelect QXT Read Primer 2	Not applicable.

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	SureSelect QXT P7 i1	Not applicable.
	SureSelect QXT P7 i2	Not applicable.
	SureSelect QXT P7 i3	Not applicable.
	SureSelect QXT P7 i4	Not applicable.
	SureSelect QXT P7 i5	Not applicable.
	SureSelect QXT P7 i6	Not applicable.
	SureSelect QXT P7 i7	Not applicable.
	SureSelect QXT P7 i8	Not applicable.
	SureSelect QXT P7 i9	Not applicable.
	SureSelect QXT P7 i10	Not applicable.
	SureSelect QXT P7 i11	Not applicable.
	SureSelect QXT P7 i12	Not applicable.
	SureSelect QXT P5 i13	Not applicable.
	SureSelect QXT P5 i14	Not applicable.
	SureSelect QXT P5 i15	Not applicable.
	SureSelect QXT P5 i16	Not applicable.
	SureSelect QXT P5 i17	Not applicable.
	SureSelect QXT P5 i18	Not applicable.
	SureSelect QXT P5 i19	Not applicable.
	SureSelect QXT P5 i20	Not applicable.
	100 mM dNTP Mix	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect QXT Index 2 Read Primer	Not applicable.
<b>Disposal</b>	: DMSO	Not applicable.
	SureSelect QXT Enzyme Mix ILM	Not applicable.
	SureSelect QXT Buffer	Not applicable.
	Herculase II Fusion DNA Polymerase	Not applicable.
	SureSelect QXT Index 1 Read Primer	Not applicable.
	SureSelect QXT Read Primer 1	Not applicable.
	SureSelect QXT Read Primer 2	Not applicable.
	SureSelect QXT P7 i1	Not applicable.
	SureSelect QXT P7 i2	Not applicable.
	SureSelect QXT P7 i3	Not applicable.
	SureSelect QXT P7 i4	Not applicable.
	SureSelect QXT P7 i5	Not applicable.
	SureSelect QXT P7 i6	Not applicable.
	SureSelect QXT P7 i7	Not applicable.
	SureSelect QXT P7 i8	Not applicable.
	SureSelect QXT P7 i9	Not applicable.
	SureSelect QXT P7 i10	Not applicable.
	SureSelect QXT P7 i11	Not applicable.
	SureSelect QXT P7 i12	Not applicable.
	SureSelect QXT P5 i13	Not applicable.
	SureSelect QXT P5 i14	Not applicable.
	SureSelect QXT P5 i15	Not applicable.
	SureSelect QXT P5 i16	Not applicable.
	SureSelect QXT P5 i17	Not applicable.
	SureSelect QXT P5 i18	Not applicable.
	SureSelect QXT P5 i19	Not applicable.
	SureSelect QXT P5 i20	Not applicable.
	100 mM dNTP Mix	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect QXT Index 2 Read Primer	Not applicable.

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## SECTION 2: Hazards identification

<b>Hazardous ingredients</b>	:	5X Herculase II Reaction Buffer	Not applicable.
<b>Supplemental label elements</b>	:	DMSO	Not applicable.
		SureSelect QXT Enzyme Mix ILM	Not applicable.
		SureSelect QXT Buffer	Not applicable.
		Herculase II Fusion DNA Polymerase	Not applicable.
		SureSelect QXT Index 1 Read Primer	Not applicable.
		SureSelect QXT Read Primer 1	Not applicable.
		SureSelect QXT Read Primer 2	Not applicable.
		SureSelect QXT P7 i1	Not applicable.
		SureSelect QXT P7 i2	Not applicable.
		SureSelect QXT P7 i3	Not applicable.
		SureSelect QXT P7 i4	Not applicable.
		SureSelect QXT P7 i5	Not applicable.
		SureSelect QXT P7 i6	Not applicable.
		SureSelect QXT P7 i7	Not applicable.
		SureSelect QXT P7 i8	Not applicable.
		SureSelect QXT P7 i9	Not applicable.
		SureSelect QXT P7 i10	Not applicable.
		SureSelect QXT P7 i11	Not applicable.
		SureSelect QXT P7 i12	Not applicable.
		SureSelect QXT P5 i13	Not applicable.
		SureSelect QXT P5 i14	Not applicable.
		SureSelect QXT P5 i15	Not applicable.
		SureSelect QXT P5 i16	Not applicable.
		SureSelect QXT P5 i17	Not applicable.
		SureSelect QXT P5 i18	Not applicable.
		SureSelect QXT P5 i19	Not applicable.
		SureSelect QXT P5 i20	Not applicable.
		100 mM dNTP Mix	Not applicable.
		5X Herculase II Reaction Buffer	Safety data sheet available on request.
		SureSelect QXT Index 2 Read Primer	Not applicable.
<b>Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles</b>	:	DMSO	Not applicable.
		SureSelect QXT Enzyme Mix ILM	Not applicable.
		SureSelect QXT Buffer	Not applicable.
		Herculase II Fusion DNA Polymerase	Not applicable.
		SureSelect QXT Index 1 Read Primer	Not applicable.
		SureSelect QXT Read Primer 1	Not applicable.
		SureSelect QXT Read Primer 2	Not applicable.
		SureSelect QXT P7 i1	Not applicable.
		SureSelect QXT P7 i2	Not applicable.
		SureSelect QXT P7 i3	Not applicable.
		SureSelect QXT P7 i4	Not applicable.
		SureSelect QXT P7 i5	Not applicable.
		SureSelect QXT P7 i6	Not applicable.
		SureSelect QXT P7 i7	Not applicable.
		SureSelect QXT P7 i8	Not applicable.
		SureSelect QXT P7 i9	Not applicable.
		SureSelect QXT P7 i10	Not applicable.
		SureSelect QXT P7 i11	Not applicable.
		SureSelect QXT P7 i12	Not applicable.



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SureSelect QXT P5 i13	Not applicable.
SureSelect QXT P5 i14	Not applicable.
SureSelect QXT P5 i15	Not applicable.
SureSelect QXT P5 i16	Not applicable.
SureSelect QXT P5 i17	Not applicable.
SureSelect QXT P5 i18	Not applicable.
SureSelect QXT P5 i19	Not applicable.
SureSelect QXT P5 i20	Not applicable.
100 mM dNTP Mix	Not applicable.
5X Herculase II Reaction Buffer	Not applicable.
SureSelect QXT Index 2 Read Primer	Not applicable.

### Special packaging requirements

<b>Tactile warning of danger</b>	:	DMSO	Not applicable.
		SureSelect QXT Enzyme Mix ILM	Not applicable.
		SureSelect QXT Buffer	Not applicable.
		Herculase II Fusion DNA Polymerase	Not applicable.
		SureSelect QXT Index 1 Read Primer	Not applicable.
		SureSelect QXT Read Primer 1	Not applicable.
		SureSelect QXT Read Primer 2	Not applicable.
		SureSelect QXT P7 i1	Not applicable.
		SureSelect QXT P7 i2	Not applicable.
		SureSelect QXT P7 i3	Not applicable.
		SureSelect QXT P7 i4	Not applicable.
		SureSelect QXT P7 i5	Not applicable.
		SureSelect QXT P7 i6	Not applicable.
		SureSelect QXT P7 i7	Not applicable.
		SureSelect QXT P7 i8	Not applicable.
		SureSelect QXT P7 i9	Not applicable.
		SureSelect QXT P7 i10	Not applicable.
		SureSelect QXT P7 i11	Not applicable.
		SureSelect QXT P7 i12	Not applicable.
		SureSelect QXT P5 i13	Not applicable.
		SureSelect QXT P5 i14	Not applicable.
		SureSelect QXT P5 i15	Not applicable.
		SureSelect QXT P5 i16	Not applicable.
		SureSelect QXT P5 i17	Not applicable.
		SureSelect QXT P5 i18	Not applicable.
		SureSelect QXT P5 i19	Not applicable.
		SureSelect QXT P5 i20	Not applicable.
		100 mM dNTP Mix	Not applicable.
		5X Herculase II Reaction Buffer	Not applicable.
		SureSelect QXT Index 2 Read Primer	Not applicable.

### 2.3 Other hazards

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

	PBT	P	B	T	vPvB	vP	vB
<b>DMSO</b>	No	N/A	No	No	No	N/A	No

## SECTION 2: Hazards identification

SureSelect QXT Enzyme Mix ILM	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT Buffer	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Herculase II Fusion DNA Polymerase	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT Index 1 Read Primer	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT Read Primer 1	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT Read Primer 2	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT P7 i1	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT P7 i2	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT P7 i3	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT P7 i4	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT P7 i5	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT P7 i6	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT P7 i7	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT P7 i8	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT P7 i9	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT P7 i10	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT P7 i11	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT P7 i12	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT P5 i13	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT P5 i14	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT P5 i15	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT P5 i16	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT P5 i17	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT P5 i18	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT P5 i19	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT P5 i20	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
100 mM dNTP Mix	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
5X Herculase II Reaction Buffer	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT Index 2 Read Primer	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

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## SECTION 2: Hazards identification

<b>Other hazards which do not result in classification</b>	<b>:</b> DMSO	None known.
	SureSelect QXT Enzyme Mix ILM	None known.
	SureSelect QXT Buffer	None known.
	Herculase II Fusion DNA Polymerase	None known.
	SureSelect QXT Index 1 Read Primer	None known.
	SureSelect QXT Read Primer 1	None known.
	SureSelect QXT Read Primer 2	None known.
	SureSelect QXT P7 i1	None known.
	SureSelect QXT P7 i2	None known.
	SureSelect QXT P7 i3	None known.
	SureSelect QXT P7 i4	None known.
	SureSelect QXT P7 i5	None known.
	SureSelect QXT P7 i6	None known.
	SureSelect QXT P7 i7	None known.
	SureSelect QXT P7 i8	None known.
	SureSelect QXT P7 i9	None known.
	SureSelect QXT P7 i10	None known.
	SureSelect QXT P7 i11	None known.
	SureSelect QXT P7 i12	None known.
	SureSelect QXT P5 i13	None known.
	SureSelect QXT P5 i14	None known.
	SureSelect QXT P5 i15	None known.
	SureSelect QXT P5 i16	None known.
	SureSelect QXT P5 i17	None known.
	SureSelect QXT P5 i18	None known.
	SureSelect QXT P5 i19	None known.
	SureSelect QXT P5 i20	None known.
	100 mM dNTP Mix	None known.
	5X Herculase II Reaction Buffer	None known.
	SureSelect QXT Index 2 Read Primer	None known.

## SECTION 3: Composition/information on ingredients

<b>3.1 Substances</b>	<b>:</b> DMSO	Mono-constituent substance
	SureSelect QXT Enzyme Mix ILM	Mixture
	SureSelect QXT Buffer	Mixture
	Herculase II Fusion DNA Polymerase	Mixture
	SureSelect QXT Index 1 Read Primer	Mixture
	SureSelect QXT Read Primer 1	Mixture
	SureSelect QXT Read Primer 2	Mixture
	SureSelect QXT P7 i1	Mixture
	SureSelect QXT P7 i2	Mixture
	SureSelect QXT P7 i3	Mixture
	SureSelect QXT P7 i4	Mixture
	SureSelect QXT P7 i5	Mixture
	SureSelect QXT P7 i6	Mixture
	SureSelect QXT P7 i7	Mixture
	SureSelect QXT P7 i8	Mixture
	SureSelect QXT P7 i9	Mixture
	SureSelect QXT P7 i10	Mixture
	SureSelect QXT P7 i11	Mixture
	SureSelect QXT P7 i12	Mixture
	SureSelect QXT P5 i13	Mixture
	SureSelect QXT P5 i14	Mixture
	SureSelect QXT P5 i15	Mixture

SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127

## SECTION 3: Composition/information on ingredients

SureSelect QXT P5 i16	Mixture
SureSelect QXT P5 i17	Mixture
SureSelect QXT P5 i18	Mixture
SureSelect QXT P5 i19	Mixture
SureSelect QXT P5 i20	Mixture
100 mM dNTP Mix	Mixture
5X Herculase II Reaction Buffer	Mixture
SureSelect QXT Index 2 Read Primer	Mixture

Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Type
<b>DMSO</b> Dimethyl sulfoxide	EC: 200-664-3 CAS: 67-68-5	100	Not classified.	[A]
<b>SureSelect QXT Enzyme Mix ILM</b> Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥25 - ≤50	Not classified.	[2]
<b>SureSelect QXT Buffer</b> Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	[2]
<b>Herculase II Fusion DNA Polymerase</b> Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	[2]
<b>5X Herculase II Reaction Buffer</b> Trometamol	EC: 201-064-4 CAS: 77-86-1	≤3	Skin Irrit. 2, H315 Eye Irrit. 2, H319	[1]
Ammonium sulphate	EC: 231-984-1 CAS: 7783-20-2	≤3	Eye Irrit. 2, H319	[1]
Hexadecan-1-ol, ethoxylated	EC: 500-014-1 CAS: 9004-95-9	<2.5	Aquatic Chronic 2, H411  <b>See Section 16 for the full text of the H statements declared above.</b>	[1]

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

### Type

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

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

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

<b>Eye contact</b>	: DMSO	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 QXT Enzyme Mix ILM		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 QXT 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.
Herculase II Fusion DNA Polymerase		Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT Index 1 Read 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 QXT Read Primer 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 QXT Read Primer 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 QXT P7 i1		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 QXT P7 i2		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 QXT P7 i3		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 QXT P7 i4		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 QXT P7 i5		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 QXT P7 i6		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 QXT P7 i7		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 QXT P7 i8		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 QXT P7 i9		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 QXT P7 i10		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 QXT P7 i11		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 QXT P7 i12		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 QXT P5 i13		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 QXT P5 i14		Immediately flush eyes with plenty of water, occasionally

## SECTION 4: First aid measures

SureSelect QXT P5 i15	lifting the upper and lower eyelids. 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 QXT P5 i16	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 QXT P5 i17	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 QXT P5 i18	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 QXT P5 i19	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 QXT P5 i20	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
100 mM dNTP Mix	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.
5X Herculase II Reaction 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 QXT Index 2 Read 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.
<b>Inhalation</b> : DMSO	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT Enzyme Mix ILM	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Herculase II Fusion DNA Polymerase	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT Index 1 Read Primer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT Read Primer 1	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT Read Primer 2	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P7 i1	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P7 i2	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P7 i3	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P7 i4	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P7 i5	Remove victim to fresh air and keep at rest in a position

## SECTION 4: First aid measures

	comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P7 i6	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P7 i7	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P7 i8	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P7 i9	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P7 i10	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P7 i11	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P7 i12	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P5 i13	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P5 i14	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P5 i15	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P5 i16	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P5 i17	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P5 i18	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P5 i19	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P5 i20	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
100 mM dNTP Mix	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.
5X Herculase II Reaction Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
SureSelect QXT Index 2 Read Primer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

## SECTION 4: First aid measures

<b>Skin contact</b>	: DMSO	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT Enzyme Mix ILM	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT Buffer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Herculase II Fusion DNA Polymerase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT Index 1 Read Primer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT Read Primer 1	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT Read Primer 2	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT P7 i1	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT P7 i2	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT P7 i3	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT P7 i4	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT P7 i5	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT P7 i6	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT P7 i7	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT P7 i8	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT P7 i9	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT P7 i10	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT P7 i11	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT P7 i12	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT P5 i13	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT P5 i14	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.



## SECTION 4: First aid measures

SureSelect QXT P5 i15	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect QXT P5 i16	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect QXT P5 i17	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect QXT P5 i18	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect QXT P5 i19	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect QXT P5 i20	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
100 mM dNTP Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
5X Herculase II Reaction Buffer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect QXT Index 2 Read Primer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

### Ingestion

: DMSO	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT Enzyme Mix ILM	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT Buffer	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Herculase II Fusion DNA Polymerase	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT Index 1 Read Primer	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT Read Primer 1	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT Read Primer 2	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i1	Wash out mouth with water. If material has been swallowed

## SECTION 4: First aid measures

	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 QXT P7 i2	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i3	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i4	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i5	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i6	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i7	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i8	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i9	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i10	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i11	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i12	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P5 i13	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if

## SECTION 4: First aid measures

	symptoms occur.
SureSelect QXT P5 i14	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P5 i15	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P5 i16	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P5 i17	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P5 i18	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P5 i19	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P5 i20	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
100 mM dNTP Mix	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
5X Herculase II Reaction Buffer	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT Index 2 Read Primer	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
<b>Protection of first-aiders</b> : DMSO	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT Enzyme Mix ILM	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT Buffer	No action shall be taken involving any personal risk or without suitable training.
Herculase II Fusion DNA Polymerase	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT Index 1 Read Primer	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT Read Primer 1	No action shall be taken involving any personal risk or without suitable training.

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SureSelect QXT Read Primer 2	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P7 i1	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P7 i2	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P7 i3	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P7 i4	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P7 i5	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P7 i6	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P7 i7	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P7 i8	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P7 i9	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P7 i10	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P7 i11	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P7 i12	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i13	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i14	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i15	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i16	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i17	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i18	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i19	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i20	No action shall be taken involving any personal risk or without suitable training.
100 mM dNTP Mix	No action shall be taken involving any personal risk or without suitable training.
5X Herculase II Reaction Buffer	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT Index 2 Read Primer	No action shall be taken involving any personal risk or without suitable training.

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

#### Potential acute health effects

<b>Eye contact</b>	:	DMSO	No known significant effects or critical hazards.
	:	SureSelect QXT Enzyme Mix ILM	No known significant effects or critical hazards.
	:	SureSelect QXT Buffer	No known significant effects or critical hazards.
	:	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	:	SureSelect QXT Index 1 Read Primer	No known significant effects or critical hazards.
	:	SureSelect QXT Read Primer 1	No known significant effects or critical hazards.
	:	SureSelect QXT Read	No known significant effects or critical hazards.

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	Primer 2	
	SureSelect QXT P7 i1	No known significant effects or critical hazards.
	SureSelect QXT P7 i2	No known significant effects or critical hazards.
	SureSelect QXT P7 i3	No known significant effects or critical hazards.
	SureSelect QXT P7 i4	No known significant effects or critical hazards.
	SureSelect QXT P7 i5	No known significant effects or critical hazards.
	SureSelect QXT P7 i6	No known significant effects or critical hazards.
	SureSelect QXT P7 i7	No known significant effects or critical hazards.
	SureSelect QXT P7 i8	No known significant effects or critical hazards.
	SureSelect QXT P7 i9	No known significant effects or critical hazards.
	SureSelect QXT P7 i10	No known significant effects or critical hazards.
	SureSelect QXT P7 i11	No known significant effects or critical hazards.
	SureSelect QXT P7 i12	No known significant effects or critical hazards.
	SureSelect QXT P5 i13	No known significant effects or critical hazards.
	SureSelect QXT P5 i14	No known significant effects or critical hazards.
	SureSelect QXT P5 i15	No known significant effects or critical hazards.
	SureSelect QXT P5 i16	No known significant effects or critical hazards.
	SureSelect QXT P5 i17	No known significant effects or critical hazards.
	SureSelect QXT P5 i18	No known significant effects or critical hazards.
	SureSelect QXT P5 i19	No known significant effects or critical hazards.
	SureSelect QXT P5 i20	No known significant effects or critical hazards.
	100 mM dNTP Mix	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect QXT Index 2 Read Primer	No known significant effects or critical hazards.
<b>Inhalation</b>	: DMSO	No known significant effects or critical hazards.
	SureSelect QXT Enzyme Mix ILM	No known significant effects or critical hazards.
	SureSelect QXT Buffer	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	SureSelect QXT Index 1 Read Primer	No known significant effects or critical hazards.
	SureSelect QXT Read Primer 1	No known significant effects or critical hazards.
	SureSelect QXT Read Primer 2	No known significant effects or critical hazards.
	SureSelect QXT P7 i1	No known significant effects or critical hazards.
	SureSelect QXT P7 i2	No known significant effects or critical hazards.
	SureSelect QXT P7 i3	No known significant effects or critical hazards.
	SureSelect QXT P7 i4	No known significant effects or critical hazards.
	SureSelect QXT P7 i5	No known significant effects or critical hazards.
	SureSelect QXT P7 i6	No known significant effects or critical hazards.
	SureSelect QXT P7 i7	No known significant effects or critical hazards.
	SureSelect QXT P7 i8	No known significant effects or critical hazards.
	SureSelect QXT P7 i9	No known significant effects or critical hazards.
	SureSelect QXT P7 i10	No known significant effects or critical hazards.
	SureSelect QXT P7 i11	No known significant effects or critical hazards.
	SureSelect QXT P7 i12	No known significant effects or critical hazards.
	SureSelect QXT P5 i13	No known significant effects or critical hazards.
	SureSelect QXT P5 i14	No known significant effects or critical hazards.
	SureSelect QXT P5 i15	No known significant effects or critical hazards.
	SureSelect QXT P5 i16	No known significant effects or critical hazards.
	SureSelect QXT P5 i17	No known significant effects or critical hazards.
	SureSelect QXT P5 i18	No known significant effects or critical hazards.
	SureSelect QXT P5 i19	No known significant effects or critical hazards.
	SureSelect QXT P5 i20	No known significant effects or critical hazards.
	100 mM dNTP Mix	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect QXT Index 2 Read Primer	No known significant effects or critical hazards.

## SECTION 4: First aid measures

<b>Skin contact</b>	:	DMSO	No known significant effects or critical hazards.		
		SureSelect QXT Enzyme Mix ILM	No known significant effects or critical hazards.		
		SureSelect QXT Buffer	No known significant effects or critical hazards.		
				Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
				SureSelect QXT Index 1 Read Primer	No known significant effects or critical hazards.
				SureSelect QXT Read Primer 1	No known significant effects or critical hazards.
				SureSelect QXT Read Primer 2	No known significant effects or critical hazards.
				SureSelect QXT P7 i1	No known significant effects or critical hazards.
				SureSelect QXT P7 i2	No known significant effects or critical hazards.
				SureSelect QXT P7 i3	No known significant effects or critical hazards.
				SureSelect QXT P7 i4	No known significant effects or critical hazards.
				SureSelect QXT P7 i5	No known significant effects or critical hazards.
				SureSelect QXT P7 i6	No known significant effects or critical hazards.
				SureSelect QXT P7 i7	No known significant effects or critical hazards.
				SureSelect QXT P7 i8	No known significant effects or critical hazards.
				SureSelect QXT P7 i9	No known significant effects or critical hazards.
				SureSelect QXT P7 i10	No known significant effects or critical hazards.
				SureSelect QXT P7 i11	No known significant effects or critical hazards.
				SureSelect QXT P7 i12	No known significant effects or critical hazards.
				SureSelect QXT P5 i13	No known significant effects or critical hazards.
				SureSelect QXT P5 i14	No known significant effects or critical hazards.
				SureSelect QXT P5 i15	No known significant effects or critical hazards.
				SureSelect QXT P5 i16	No known significant effects or critical hazards.
				SureSelect QXT P5 i17	No known significant effects or critical hazards.
				SureSelect QXT P5 i18	No known significant effects or critical hazards.
				SureSelect QXT P5 i19	No known significant effects or critical hazards.
				SureSelect QXT P5 i20	No known significant effects or critical hazards.
				100 mM dNTP Mix	No known significant effects or critical hazards.
				5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
				SureSelect QXT Index 2 Read Primer	No known significant effects or critical hazards.
		<b>Ingestion</b>	:	DMSO	No known significant effects or critical hazards.
				SureSelect QXT Enzyme Mix ILM	No known significant effects or critical hazards.
SureSelect QXT Buffer	No known significant effects or critical hazards.				
				Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
				SureSelect QXT Index 1 Read Primer	No known significant effects or critical hazards.
				SureSelect QXT Read Primer 1	No known significant effects or critical hazards.
				SureSelect QXT Read Primer 2	No known significant effects or critical hazards.
				SureSelect QXT P7 i1	No known significant effects or critical hazards.
				SureSelect QXT P7 i2	No known significant effects or critical hazards.
				SureSelect QXT P7 i3	No known significant effects or critical hazards.
				SureSelect QXT P7 i4	No known significant effects or critical hazards.
				SureSelect QXT P7 i5	No known significant effects or critical hazards.
				SureSelect QXT P7 i6	No known significant effects or critical hazards.
				SureSelect QXT P7 i7	No known significant effects or critical hazards.
				SureSelect QXT P7 i8	No known significant effects or critical hazards.
				SureSelect QXT P7 i9	No known significant effects or critical hazards.
				SureSelect QXT P7 i10	No known significant effects or critical hazards.
				SureSelect QXT P7 i11	No known significant effects or critical hazards.
				SureSelect QXT P7 i12	No known significant effects or critical hazards.
				SureSelect QXT P5 i13	No known significant effects or critical hazards.
				SureSelect QXT P5 i14	No known significant effects or critical hazards.

## SECTION 4: First aid measures

SureSelect QXT P5 i15	No known significant effects or critical hazards.
SureSelect QXT P5 i16	No known significant effects or critical hazards.
SureSelect QXT P5 i17	No known significant effects or critical hazards.
SureSelect QXT P5 i18	No known significant effects or critical hazards.
SureSelect QXT P5 i19	No known significant effects or critical hazards.
SureSelect QXT P5 i20	No known significant effects or critical hazards.
100 mM dNTP Mix	No known significant effects or critical hazards.
5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
SureSelect QXT Index 2 Read Primer	No known significant effects or critical hazards.

### Over-exposure signs/symptoms

#### Eye contact

: DMSO	No specific data.
SureSelect QXT Enzyme Mix ILM	No specific data.
SureSelect QXT Buffer	No specific data.
Herculase II Fusion DNA Polymerase	No specific data.
SureSelect QXT Index 1 Read Primer	No specific data.
SureSelect QXT Read Primer 1	No specific data.
SureSelect QXT Read Primer 2	No specific data.
SureSelect QXT P7 i1	No specific data.
SureSelect QXT P7 i2	No specific data.
SureSelect QXT P7 i3	No specific data.
SureSelect QXT P7 i4	No specific data.
SureSelect QXT P7 i5	No specific data.
SureSelect QXT P7 i6	No specific data.
SureSelect QXT P7 i7	No specific data.
SureSelect QXT P7 i8	No specific data.
SureSelect QXT P7 i9	No specific data.
SureSelect QXT P7 i10	No specific data.
SureSelect QXT P7 i11	No specific data.
SureSelect QXT P7 i12	No specific data.
SureSelect QXT P5 i13	No specific data.
SureSelect QXT P5 i14	No specific data.
SureSelect QXT P5 i15	No specific data.
SureSelect QXT P5 i16	No specific data.
SureSelect QXT P5 i17	No specific data.
SureSelect QXT P5 i18	No specific data.
SureSelect QXT P5 i19	No specific data.
SureSelect QXT P5 i20	No specific data.
100 mM dNTP Mix	No specific data.
5X Herculase II Reaction Buffer	No specific data.
SureSelect QXT Index 2 Read Primer	No specific data.

#### Inhalation

: DMSO	No specific data.
SureSelect QXT Enzyme Mix ILM	No specific data.
SureSelect QXT Buffer	No specific data.
Herculase II Fusion DNA Polymerase	No specific data.
SureSelect QXT Index 1 Read Primer	No specific data.
SureSelect QXT Read Primer 1	No specific data.
SureSelect QXT Read Primer 2	No specific data.
SureSelect QXT P7 i1	No specific data.

## SECTION 4: First aid measures

	SureSelect QXT P7 i2	No specific data.
	SureSelect QXT P7 i3	No specific data.
	SureSelect QXT P7 i4	No specific data.
	SureSelect QXT P7 i5	No specific data.
	SureSelect QXT P7 i6	No specific data.
	SureSelect QXT P7 i7	No specific data.
	SureSelect QXT P7 i8	No specific data.
	SureSelect QXT P7 i9	No specific data.
	SureSelect QXT P7 i10	No specific data.
	SureSelect QXT P7 i11	No specific data.
	SureSelect QXT P7 i12	No specific data.
	SureSelect QXT P5 i13	No specific data.
	SureSelect QXT P5 i14	No specific data.
	SureSelect QXT P5 i15	No specific data.
	SureSelect QXT P5 i16	No specific data.
	SureSelect QXT P5 i17	No specific data.
	SureSelect QXT P5 i18	No specific data.
	SureSelect QXT P5 i19	No specific data.
	SureSelect QXT P5 i20	No specific data.
	100 mM dNTP Mix	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect QXT Index 2 Read Primer	No specific data.
<b>Skin contact</b>	: DMSO	No specific data.
	SureSelect QXT Enzyme Mix ILM	No specific data.
	SureSelect QXT Buffer	No specific data.
	Herculase II Fusion DNA Polymerase	No specific data.
	SureSelect QXT Index 1 Read Primer	No specific data.
	SureSelect QXT Read Primer 1	No specific data.
	SureSelect QXT Read Primer 2	No specific data.
	SureSelect QXT P7 i1	No specific data.
	SureSelect QXT P7 i2	No specific data.
	SureSelect QXT P7 i3	No specific data.
	SureSelect QXT P7 i4	No specific data.
	SureSelect QXT P7 i5	No specific data.
	SureSelect QXT P7 i6	No specific data.
	SureSelect QXT P7 i7	No specific data.
	SureSelect QXT P7 i8	No specific data.
	SureSelect QXT P7 i9	No specific data.
	SureSelect QXT P7 i10	No specific data.
	SureSelect QXT P7 i11	No specific data.
	SureSelect QXT P7 i12	No specific data.
	SureSelect QXT P5 i13	No specific data.
	SureSelect QXT P5 i14	No specific data.
	SureSelect QXT P5 i15	No specific data.
	SureSelect QXT P5 i16	No specific data.
	SureSelect QXT P5 i17	No specific data.
	SureSelect QXT P5 i18	No specific data.
	SureSelect QXT P5 i19	No specific data.
	SureSelect QXT P5 i20	No specific data.
	100 mM dNTP Mix	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect QXT Index 2 Read Primer	No specific data.



## SECTION 4: First aid measures

<b>Ingestion</b>	:	DMSO	No specific data.
		SureSelect QXT Enzyme Mix ILM	No specific data.
		SureSelect QXT Buffer	No specific data.
		Herculase II Fusion DNA Polymerase	No specific data.
		SureSelect QXT Index 1 Read Primer	No specific data.
		SureSelect QXT Read Primer 1	No specific data.
		SureSelect QXT Read Primer 2	No specific data.
		SureSelect QXT P7 i1	No specific data.
		SureSelect QXT P7 i2	No specific data.
		SureSelect QXT P7 i3	No specific data.
		SureSelect QXT P7 i4	No specific data.
		SureSelect QXT P7 i5	No specific data.
		SureSelect QXT P7 i6	No specific data.
		SureSelect QXT P7 i7	No specific data.
		SureSelect QXT P7 i8	No specific data.
		SureSelect QXT P7 i9	No specific data.
		SureSelect QXT P7 i10	No specific data.
		SureSelect QXT P7 i11	No specific data.
		SureSelect QXT P7 i12	No specific data.
		SureSelect QXT P5 i13	No specific data.
		SureSelect QXT P5 i14	No specific data.
		SureSelect QXT P5 i15	No specific data.
		SureSelect QXT P5 i16	No specific data.
		SureSelect QXT P5 i17	No specific data.
		SureSelect QXT P5 i18	No specific data.
		SureSelect QXT P5 i19	No specific data.
		SureSelect QXT P5 i20	No specific data.
		100 mM dNTP Mix	No specific data.
		5X Herculase II Reaction Buffer	No specific data.
		SureSelect QXT Index 2 Read Primer	No specific data.

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

<b>Notes to physician</b>	:	DMSO	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		SureSelect QXT Enzyme Mix ILM	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		SureSelect QXT Buffer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		Herculase II Fusion DNA Polymerase	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		SureSelect QXT Index 1 Read Primer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		SureSelect QXT Read Primer 1	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		SureSelect QXT Read Primer 2	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		SureSelect QXT P7 i1	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		SureSelect QXT P7 i2	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		SureSelect QXT P7 i3	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		SureSelect QXT P7 i4	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		SureSelect QXT P7 i5	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

## SECTION 4: First aid measures

SureSelect QXT P7 i6	immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P7 i7	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P7 i8	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P7 i9	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P7 i10	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P7 i11	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P7 i12	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P5 i13	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P5 i14	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P5 i15	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P5 i16	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P5 i17	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P5 i18	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P5 i19	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P5 i20	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
100 mM dNTP 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.
5X Herculase II Reaction Buffer	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
SureSelect QXT Index 2 Read Primer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
<b>Specific treatments</b> : DMSO	No specific treatment.
SureSelect QXT Enzyme Mix ILM	No specific treatment.
SureSelect QXT Buffer	No specific treatment.
Herculase II Fusion DNA Polymerase	No specific treatment.
SureSelect QXT Index 1 Read Primer	No specific treatment.
SureSelect QXT Read Primer 1	No specific treatment.
SureSelect QXT Read Primer 2	No specific treatment.
SureSelect QXT P7 i1	No specific treatment.
SureSelect QXT P7 i2	No specific treatment.
SureSelect QXT P7 i3	No specific treatment.
SureSelect QXT P7 i4	No specific treatment.
SureSelect QXT P7 i5	No specific treatment.
SureSelect QXT P7 i6	No specific treatment.
SureSelect QXT P7 i7	No specific treatment.
SureSelect QXT P7 i8	No specific treatment.
SureSelect QXT P7 i9	No specific treatment.
SureSelect QXT P7 i10	No specific treatment.
SureSelect QXT P7 i11	No specific treatment.
SureSelect QXT P7 i12	No specific treatment.

## SECTION 4: First aid measures

SureSelect QXT P5 i13	No specific treatment.
SureSelect QXT P5 i14	No specific treatment.
SureSelect QXT P5 i15	No specific treatment.
SureSelect QXT P5 i16	No specific treatment.
SureSelect QXT P5 i17	No specific treatment.
SureSelect QXT P5 i18	No specific treatment.
SureSelect QXT P5 i19	No specific treatment.
SureSelect QXT P5 i20	No specific treatment.
100 mM dNTP Mix	No specific treatment.
5X Herculase II Reaction Buffer	No specific treatment.
SureSelect QXT Index 2 Read Primer	No specific treatment.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	:	DMSO	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT Enzyme Mix ILM	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT Buffer	Use an extinguishing agent suitable for the surrounding fire.	
		Herculase II Fusion DNA Polymerase	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT Index 1 Read Primer	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT Read Primer 1	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT Read Primer 2	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT P7 i1	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT P7 i2	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT P7 i3	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT P7 i4	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT P7 i5	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT P7 i6	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT P7 i7	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT P7 i8	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT P7 i9	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT P7 i10	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT P7 i11	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT P7 i12	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT P5 i13	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT P5 i14	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT P5 i15	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT P5 i16	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT P5 i17	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT P5 i18	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT P5 i19	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT P5 i20	Use an extinguishing agent suitable for the surrounding fire.	
		100 mM dNTP Mix	Use an extinguishing agent suitable for the surrounding fire.	
		5X Herculase II Reaction Buffer	Use an extinguishing agent suitable for the surrounding fire.	
		SureSelect QXT Index 2 Read Primer	Use an extinguishing agent suitable for the surrounding fire.	
	<b>Unsuitable extinguishing media</b>	:	DMSO	None known.
			SureSelect QXT Enzyme Mix ILM	None known.
		SureSelect QXT Buffer	None known.	
		Herculase II Fusion DNA Polymerase	None known.	
		SureSelect QXT Index 1 Read Primer	None known.	
		SureSelect QXT Read	None known.	

## SECTION 5: Firefighting measures

Primer 1	
SureSelect QXT Read	None known.
Primer 2	
SureSelect QXT P7 i1	None known.
SureSelect QXT P7 i2	None known.
SureSelect QXT P7 i3	None known.
SureSelect QXT P7 i4	None known.
SureSelect QXT P7 i5	None known.
SureSelect QXT P7 i6	None known.
SureSelect QXT P7 i7	None known.
SureSelect QXT P7 i8	None known.
SureSelect QXT P7 i9	None known.
SureSelect QXT P7 i10	None known.
SureSelect QXT P7 i11	None known.
SureSelect QXT P7 i12	None known.
SureSelect QXT P5 i13	None known.
SureSelect QXT P5 i14	None known.
SureSelect QXT P5 i15	None known.
SureSelect QXT P5 i16	None known.
SureSelect QXT P5 i17	None known.
SureSelect QXT P5 i18	None known.
SureSelect QXT P5 i19	None known.
SureSelect QXT P5 i20	None known.
100 mM dNTP Mix	None known.
5X Herculase II	None known.
Reaction Buffer	
SureSelect QXT Index 2	None known.
Read Primer	

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

#### Hazards from the substance or mixture

: DMSO	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect QXT	In a fire or if heated, a pressure increase will occur and the container may burst.
Enzyme Mix ILM	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect QXT Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
Herculase II Fusion DNA Polymerase	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect QXT Index 1	In a fire or if heated, a pressure increase will occur and the container may burst.
Read Primer	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect QXT Read	In a fire or if heated, a pressure increase will occur and the container may burst.
Primer 1	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect QXT Read	In a fire or if heated, a pressure increase will occur and the container may burst.
Primer 2	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect QXT P7 i1	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect QXT P7 i2	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect QXT P7 i3	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect QXT P7 i4	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect QXT P7 i5	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect QXT P7 i6	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect QXT P7 i7	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect QXT P7 i8	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect QXT P7 i9	In a fire or if heated, a pressure increase will occur and the container may burst.

## SECTION 5: Firefighting measures

	SureSelect QXT P7 i10	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect QXT P7 i11	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect QXT P7 i12	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect QXT P5 i13	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect QXT P5 i14	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect QXT P5 i15	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect QXT P5 i16	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect QXT P5 i17	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect QXT P5 i18	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect QXT P5 i19	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect QXT P5 i20	In a fire or if heated, a pressure increase will occur and the container may burst.
	100 mM dNTP Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
	5X Herculase II Reaction Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect QXT Index 2 Read Primer	In a fire or if heated, a pressure increase will occur and the container may burst.
<b>Hazardous combustion products</b>	: DMSO	Decomposition products may include the following materials: carbon dioxide carbon monoxide sulfur oxides
	SureSelect QXT Enzyme Mix ILM	Decomposition products may include the following materials:  carbon dioxide carbon monoxide halogenated compounds metal oxide/oxides
	SureSelect QXT Buffer	Decomposition products may include the following materials: carbon dioxide carbon monoxide
	Herculase II Fusion DNA Polymerase	Decomposition products may include the following materials:  carbon dioxide carbon monoxide
	SureSelect QXT Index 1 Read Primer	No specific data.
	SureSelect QXT Read Primer 1	No specific data.
	SureSelect QXT Read Primer 2	No specific data.
	SureSelect QXT P7 i1	No specific data.
	SureSelect QXT P7 i2	No specific data.
	SureSelect QXT P7 i3	No specific data.
SureSelect QXT P7 i4	No specific data.	
SureSelect QXT P7 i5	No specific data.	
SureSelect QXT P7 i6	No specific data.	
SureSelect QXT P7 i7	No specific data.	
SureSelect QXT P7 i8	No specific data.	
SureSelect QXT P7 i9	No specific data.	
SureSelect QXT P7 i10	No specific data.	
SureSelect QXT P7 i11	No specific data.	
SureSelect QXT P7 i12	No specific data.	

## SECTION 5: Firefighting measures

SureSelect QXT P5 i13	No specific data.
SureSelect QXT P5 i14	No specific data.
SureSelect QXT P5 i15	No specific data.
SureSelect QXT P5 i16	No specific data.
SureSelect QXT P5 i17	No specific data.
SureSelect QXT P5 i18	No specific data.
SureSelect QXT P5 i19	No specific data.
SureSelect QXT P5 i20	No specific data.
100 mM dNTP Mix	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides phosphorus oxides
5X Herculase II Reaction Buffer	Decomposition products may include the following materials:  carbon dioxide carbon monoxide nitrogen oxides sulfur oxides metal oxide/oxides
SureSelect QXT Index 2 Read Primer	No specific data.

### 5.3 Advice for firefighters

#### Special precautions for fire-fighters

: DMSO	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 QXT Enzyme Mix ILM	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 QXT 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.
Herculase II Fusion DNA Polymerase	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 QXT Index 1 Read 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 QXT Read Primer 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 QXT Read Primer 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 QXT P7 i1	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 QXT P7 i2	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 QXT P7 i3	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 QXT P7 i4	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 QXT P7 i5	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 QXT P7 i6	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be

## SECTION 5: Firefighting measures

SureSelect QXT P7 i7	taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P7 i8	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 QXT P7 i9	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 QXT P7 i10	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 QXT P7 i11	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 QXT P7 i12	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 QXT P5 i13	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 QXT P5 i14	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 QXT P5 i15	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 QXT P5 i16	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 QXT P5 i17	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 QXT P5 i18	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 QXT P5 i19	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 QXT P5 i20	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
100 mM dNTP Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
5X Herculase II Reaction 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 QXT Index 2 Read 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.
<b>Special protective equipment for fire-fighters</b> : DMSO	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT Enzyme Mix ILM	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves)

## SECTION 5: Firefighting measures

SureSelect QXT Buffer	conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
Herculase II Fusion DNA Polymerase	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT Index 1 Read Primer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT Read Primer 1	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT Read Primer 2	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT P7 i1	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT P7 i2	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT P7 i3	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT P7 i4	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT P7 i5	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT P7 i6	Fire-fighters should wear appropriate protective equipment



## SECTION 5: Firefighting measures

	and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT P7 i7	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT P7 i8	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT P7 i9	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT P7 i10	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT P7 i11	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT P7 i12	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT P5 i13	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT P5 i14	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT P5 i15	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT P5 i16	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves)

## SECTION 5: Firefighting measures

	conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT P5 i17	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT P5 i18	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT P5 i19	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT P5 i20	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
100 mM dNTP Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
5X Herculase II Reaction Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
SureSelect QXT Index 2 Read Primer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

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

<b>For non-emergency personnel</b>	: DMSO	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT Enzyme Mix ILM		No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT Buffer		No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

## SECTION 6: Accidental release measures

Herculase II Fusion DNA Polymerase	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT Index 1 Read Primer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT Read Primer 1	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT Read Primer 2	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i1	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i2	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i3	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i4	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i5	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i6	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i7	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i8	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i9	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering.

## SECTION 6: Accidental release measures

	Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i10	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i11	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i12	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P5 i13	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P5 i14	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P5 i15	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P5 i16	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P5 i17	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P5 i18	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P5 i19	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P5 i20	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
100 mM dNTP Mix	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
5X Herculase II Reaction	No action shall be taken involving any personal risk or

## SECTION 6: Accidental release measures

**For emergency responders**

Buffer	without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT Index 2 Read Primer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
: DMSO	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT Enzyme Mix ILM	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT Buffer	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Herculase II Fusion DNA Polymerase	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT Index 1 Read Primer	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT Read Primer 1	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT Read Primer 2	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT P7 i1	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT P7 i2	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT P7 i3	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT P7 i4	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT P7 i5	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT P7 i6	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT P7 i7	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and

## SECTION 6: Accidental release measures

	unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT P7 i8	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT P7 i9	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT P7 i10	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT P7 i11	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT P7 i12	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT P5 i13	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT P5 i14	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT P5 i15	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT P5 i16	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT P5 i17	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT P5 i18	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT P5 i19	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT P5 i20	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
100 mM dNTP Mix	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
5X Herculase II Reaction Buffer	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
SureSelect QXT Index 2	If specialised clothing is required to deal with the spillage,

## SECTION 6: Accidental release measures

Read Primer take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

### 6.2 Environmental precautions

: DMSO	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT Enzyme Mix ILM	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT Buffer	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Herculase II Fusion DNA Polymerase	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT Index 1 Read Primer	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT Read Primer 1	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT Read Primer 2	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P7 i1	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P7 i2	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P7 i3	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P7 i4	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P7 i5	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P7 i6	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P7 i7	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P7 i8	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant

## SECTION 6: Accidental release measures

	authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P7 i9	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P7 i10	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P7 i11	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P7 i12	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P5 i13	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P5 i14	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P5 i15	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P5 i16	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P5 i17	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P5 i18	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P5 i19	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P5 i20	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
100 mM dNTP Mix	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
5X Herculase II Reaction Buffer	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT Index 2 Read Primer	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).



## SECTION 6: Accidental release measures

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

Methods for cleaning up : DMSO

	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 QXT Enzyme Mix ILM	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 QXT 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.
Herculase II Fusion DNA Polymerase	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect QXT Index 1 Read 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 QXT Read Primer 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 QXT Read Primer 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 QXT P7 i1	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 QXT P7 i2	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 QXT P7 i3	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 QXT P7 i4	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 QXT P7 i5	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 QXT P7 i6	Stop leak if without risk. Move containers from spill area.

## SECTION 6: Accidental release measures

	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 QXT P7 i7	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 QXT P7 i8	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 QXT P7 i9	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 QXT P7 i10	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 QXT P7 i11	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 QXT P7 i12	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 QXT P5 i13	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 QXT P5 i14	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 QXT P5 i15	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 QXT P5 i16	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 QXT P5 i17	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 QXT P5 i18	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

## SECTION 6: Accidental release measures

SureSelect QXT P5 i19	of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect QXT P5 i20	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
100 mM dNTP Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
5X Herculase II Reaction Buffer	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect QXT Index 2 Read 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.

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

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

<b>Protective measures</b>	: DMSO	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT Enzyme Mix ILM		Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT Buffer		Put on appropriate personal protective equipment (see Section 8).
Herculase II Fusion DNA Polymerase		Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT Index 1 Read Primer		Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT Read Primer 1		Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT Read Primer 2		Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i1		Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i2		Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i3		Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i4		Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i5		Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i6		Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i7		Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i8		Put on appropriate personal protective equipment (see Section 8).

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	Section 8).
SureSelect QXT P7 i9	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i10	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i11	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i12	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P5 i13	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P5 i14	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P5 i15	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P5 i16	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P5 i17	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P5 i18	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P5 i19	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P5 i20	Put on appropriate personal protective equipment (see Section 8).
100 mM dNTP Mix	Put on appropriate personal protective equipment (see Section 8).
5X Herculase II Reaction Buffer	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT Index 2 Read Primer	Put on appropriate personal protective equipment (see Section 8).
<b>Advice on general occupational hygiene</b> : DMSO	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 QXT Enzyme Mix ILM	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 QXT Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Herculase II Fusion DNA Polymerase	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect QXT Index 1 Read 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 QXT Read Primer 1	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

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	<p>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>
SureSelect QXT Read Primer 2	<p>Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.</p> <p>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>
SureSelect QXT P7 i1	<p>Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.</p> <p>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>
SureSelect QXT P7 i2	<p>Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.</p> <p>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>
SureSelect QXT P7 i3	<p>Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.</p> <p>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>
SureSelect QXT P7 i4	<p>Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.</p> <p>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>
SureSelect QXT P7 i5	<p>Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.</p> <p>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>
SureSelect QXT P7 i6	<p>Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.</p> <p>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>
SureSelect QXT P7 i7	<p>Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.</p> <p>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>
SureSelect QXT P7 i8	<p>Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.</p> <p>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>
SureSelect QXT P7 i9	<p>Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.</p> <p>Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also</p>

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SureSelect QXT P7 i10	Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect QXT P7 i11	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 QXT P7 i12	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 QXT P5 i13	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 QXT P5 i14	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 QXT P5 i15	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 QXT P5 i16	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 QXT P5 i17	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 QXT P5 i18	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 QXT P5 i19	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 QXT P5 i20	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

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100 mM dNTP Mix	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.
5X Herculase II Reaction Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect QXT Index 2 Read 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.

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

<b>Storage</b>	: DMSO	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	SureSelect QXT Enzyme Mix ILM	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	SureSelect QXT Buffer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	Herculase II Fusion DNA Polymerase	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental

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	contamination. See Section 10 for incompatible materials before handling or use.
SureSelect QXT Index 1 Read Primer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect QXT Read Primer 1	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect QXT Read Primer 2	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect QXT P7 i1	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect QXT P7 i2	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect QXT P7 i3	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect QXT P7 i4	Store in accordance with local regulations. Store in original



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	<p>container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
SureSelect QXT P7 i5	<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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
SureSelect QXT P7 i6	<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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
SureSelect QXT P7 i7	<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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
SureSelect QXT P7 i8	<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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
SureSelect QXT P7 i9	<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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
SureSelect QXT P7 i10	<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</p>

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	<p>closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
SureSelect QXT P7 i11	<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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
SureSelect QXT P7 i12	<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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
SureSelect QXT P5 i13	<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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
SureSelect QXT P5 i14	<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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
SureSelect QXT P5 i15	<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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
SureSelect QXT P5 i16	<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 unlabelled containers. Use</p>

## SECTION 7: Handling and storage

	appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect QXT P5 i17	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect QXT P5 i18	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect QXT P5 i19	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect QXT P5 i20	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
100 mM dNTP Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
5X Herculase II Reaction Buffer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## SECTION 7: Handling and storage

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

#### Recommendations

: DMSO	Industrial applications, Professional applications.
SureSelect QXT Enzyme Mix ILM	Industrial applications, Professional applications.
SureSelect QXT Buffer	Industrial applications, Professional applications.
Herculase II Fusion DNA Polymerase	Industrial applications, Professional applications.
SureSelect QXT Index 1 Read Primer	Industrial applications, Professional applications.
SureSelect QXT Read Primer 1	Industrial applications, Professional applications.
SureSelect QXT Read Primer 2	Industrial applications, Professional applications.
SureSelect QXT P7 i1	Industrial applications, Professional applications.
SureSelect QXT P7 i2	Industrial applications, Professional applications.
SureSelect QXT P7 i3	Industrial applications, Professional applications.
SureSelect QXT P7 i4	Industrial applications, Professional applications.
SureSelect QXT P7 i5	Industrial applications, Professional applications.
SureSelect QXT P7 i6	Industrial applications, Professional applications.
SureSelect QXT P7 i7	Industrial applications, Professional applications.
SureSelect QXT P7 i8	Industrial applications, Professional applications.
SureSelect QXT P7 i9	Industrial applications, Professional applications.
SureSelect QXT P7 i10	Industrial applications, Professional applications.
SureSelect QXT P7 i11	Industrial applications, Professional applications.
SureSelect QXT P7 i12	Industrial applications, Professional applications.
SureSelect QXT P5 i13	Industrial applications, Professional applications.
SureSelect QXT P5 i14	Industrial applications, Professional applications.
SureSelect QXT P5 i15	Industrial applications, Professional applications.
SureSelect QXT P5 i16	Industrial applications, Professional applications.
SureSelect QXT P5 i17	Industrial applications, Professional applications.
SureSelect QXT P5 i18	Industrial applications, Professional applications.
SureSelect QXT P5 i19	Industrial applications, Professional applications.
SureSelect QXT P5 i20	Industrial applications, Professional applications.
100 mM dNTP Mix	Industrial applications, Professional applications.
5X Herculase II Reaction Buffer	Industrial applications, Professional applications.
SureSelect QXT Index 2 Read Primer	Industrial applications, Professional applications.

#### Industrial sector specific solutions

: DMSO	Not available.
SureSelect QXT Enzyme Mix ILM	Not available.
SureSelect QXT Buffer	Not available.
Herculase II Fusion DNA Polymerase	Not available.
SureSelect QXT Index 1 Read Primer	Not available.
SureSelect QXT Read Primer 1	Not available.
SureSelect QXT Read Primer 2	Not available.
SureSelect QXT P7 i1	Not available.

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## SECTION 7: Handling and storage

SureSelect QXT P7 i2	Not available.
SureSelect QXT P7 i3	Not available.
SureSelect QXT P7 i4	Not available.
SureSelect QXT P7 i5	Not available.
SureSelect QXT P7 i6	Not available.
SureSelect QXT P7 i7	Not available.
SureSelect QXT P7 i8	Not available.
SureSelect QXT P7 i9	Not available.
SureSelect QXT P7 i10	Not available.
SureSelect QXT P7 i11	Not available.
SureSelect QXT P7 i12	Not available.
SureSelect QXT P5 i13	Not available.
SureSelect QXT P5 i14	Not available.
SureSelect QXT P5 i15	Not available.
SureSelect QXT P5 i16	Not available.
SureSelect QXT P5 i17	Not available.
SureSelect QXT P5 i18	Not available.
SureSelect QXT P5 i19	Not available.
SureSelect QXT P5 i20	Not available.
100 mM dNTP Mix	Not available.
5X Herculase II Reaction Buffer	Not available.
SureSelect QXT Index 2 Read Primer	Not available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

Product/ingredient name	Exposure limit values
<b>SureSelect QXT Enzyme Mix ILM</b> Glycerol	<b>NAOSH (Ireland, 1/2020).</b> OELV-8hr: 10 mg/m <sup>3</sup> 8 hours. Form: mist
<b>SureSelect QXT Buffer</b> Glycerol	<b>NAOSH (Ireland, 1/2020).</b> OELV-8hr: 10 mg/m <sup>3</sup> 8 hours. Form: mist
<b>Herculase II Fusion DNA Polymerase</b> Glycerol	<b>NAOSH (Ireland, 1/2020).</b> OELV-8hr: 10 mg/m <sup>3</sup> 8 hours. Form: mist

#### Recommended monitoring procedures

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

#### DNELs/DMELs

## SECTION 8: Exposure controls/personal protection

Product/ingredient name	Type	Exposure	Value	Population	Effects
<b>DMSO</b> Dimethyl sulfoxide	DNEL	Long term Inhalation	47 mg/m <sup>3</sup>	General population	Local
	DNEL	Long term Oral	60 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	100 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	120 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Dermal	200 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	265 mg/m <sup>3</sup>	Workers	Local
	DNEL	Long term Inhalation	484 mg/m <sup>3</sup>	Workers	Systemic
<b>5X Herculase II Reaction Buffer</b> Trometamol	DNEL	Long term Oral	8.3 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	29 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Dermal	83.3 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	117.5 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Long term Dermal	166.7 mg/kg bw/day	Workers	Systemic
Ammonium sulphate	DNEL	Long term Inhalation	1.667 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Oral	6.4 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	11.167 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Long term Dermal	12.8 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	42.667 mg/kg bw/day	Workers	Systemic

### PNECs

No PNECs available

### 8.2 Exposure controls

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

### Individual protection measures

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

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

### Skin protection

## SECTION 8: Exposure controls/personal protection

- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

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

### 9.1 Information on basic physical and chemical properties

#### Appearance

<b>Physical state</b>	:	DMSO	Liquid. [Clear.]
		SureSelect QXT Enzyme Mix ILM	Liquid.
		SureSelect QXT Buffer	Liquid.
		Herculase II Fusion DNA Polymerase	Liquid.
		SureSelect QXT Index 1 Read Primer	Liquid.
		SureSelect QXT Read Primer 1	Liquid.
		SureSelect QXT Read Primer 2	Liquid.
		SureSelect QXT P7 i1	Liquid.
		SureSelect QXT P7 i2	Liquid.
		SureSelect QXT P7 i3	Liquid.
		SureSelect QXT P7 i4	Liquid.
		SureSelect QXT P7 i5	Liquid.
		SureSelect QXT P7 i6	Liquid.
		SureSelect QXT P7 i7	Liquid.
		SureSelect QXT P7 i8	Liquid.
		SureSelect QXT P7 i9	Liquid.
		SureSelect QXT P7 i10	Liquid.
		SureSelect QXT P7 i11	Liquid.
		SureSelect QXT P7 i12	Liquid.
		SureSelect QXT P5 i13	Liquid.
		SureSelect QXT P5 i14	Liquid.
		SureSelect QXT P5 i15	Liquid.
		SureSelect QXT P5 i16	Liquid.
		SureSelect QXT P5 i17	Liquid.
		SureSelect QXT P5 i18	Liquid.
		SureSelect QXT P5 i19	Liquid.
		SureSelect QXT P5 i20	Liquid.
		100 mM dNTP Mix	Liquid.
		5X Herculase II Reaction Buffer	Liquid.
		SureSelect QXT Index 2 Read Primer	Liquid.

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## SECTION 9: Physical and chemical properties

<b>Colour</b>	:	DMSO	Colourless.	
		SureSelect QXT Enzyme Mix ILM	Not available.	
		SureSelect QXT Buffer	Not available.	
		Herculase II Fusion DNA Polymerase	Not available.	
		SureSelect QXT Index 1 Read Primer	Not available.	
		SureSelect QXT Read Primer 1	Not available.	
		SureSelect QXT Read Primer 2	Not available.	
		SureSelect QXT P7 i1	Not available.	
		SureSelect QXT P7 i2	Not available.	
		SureSelect QXT P7 i3	Not available.	
		SureSelect QXT P7 i4	Not available.	
		SureSelect QXT P7 i5	Not available.	
		SureSelect QXT P7 i6	Not available.	
		SureSelect QXT P7 i7	Not available.	
		SureSelect QXT P7 i8	Not available.	
		SureSelect QXT P7 i9	Not available.	
		SureSelect QXT P7 i10	Not available.	
		SureSelect QXT P7 i11	Not available.	
		SureSelect QXT P7 i12	Not available.	
		SureSelect QXT P5 i13	Not available.	
		SureSelect QXT P5 i14	Not available.	
		SureSelect QXT P5 i15	Not available.	
		SureSelect QXT P5 i16	Not available.	
		SureSelect QXT P5 i17	Not available.	
		SureSelect QXT P5 i18	Not available.	
		SureSelect QXT P5 i19	Not available.	
		SureSelect QXT P5 i20	Not available.	
		100 mM dNTP Mix	Not available.	
		5X Herculase II Reaction Buffer	Not available.	
		SureSelect QXT Index 2 Read Primer	Not available.	
	<b>Odour</b>	:	DMSO	Odourless. [Slight]
			SureSelect QXT Enzyme Mix ILM	Not available.
			SureSelect QXT Buffer	Not available.
		Herculase II Fusion DNA Polymerase	Not available.	
		SureSelect QXT Index 1 Read Primer	Not available.	
		SureSelect QXT Read Primer 1	Not available.	
		SureSelect QXT Read Primer 2	Not available.	
		SureSelect QXT P7 i1	Not available.	
		SureSelect QXT P7 i2	Not available.	
		SureSelect QXT P7 i3	Not available.	
		SureSelect QXT P7 i4	Not available.	
		SureSelect QXT P7 i5	Not available.	
		SureSelect QXT P7 i6	Not available.	
		SureSelect QXT P7 i7	Not available.	
		SureSelect QXT P7 i8	Not available.	
		SureSelect QXT P7 i9	Not available.	
		SureSelect QXT P7 i10	Not available.	
		SureSelect QXT P7 i11	Not available.	
		SureSelect QXT P7 i12	Not available.	
		SureSelect QXT P5 i13	Not available.	
		SureSelect QXT P5 i14	Not available.	



## SECTION 9: Physical and chemical properties

	SureSelect QXT P5 i15	Not available.
	SureSelect QXT P5 i16	Not available.
	SureSelect QXT P5 i17	Not available.
	SureSelect QXT P5 i18	Not available.
	SureSelect QXT P5 i19	Not available.
	SureSelect QXT P5 i20	Not available.
	100 mM dNTP Mix	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect QXT Index 2 Read Primer	Not available.
<b>Odour threshold</b>	: DMSO	Not available.
	SureSelect QXT Enzyme Mix ILM	Not available.
	SureSelect QXT Buffer	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	SureSelect QXT Index 1 Read Primer	Not available.
	SureSelect QXT Read Primer 1	Not available.
	SureSelect QXT Read Primer 2	Not available.
	SureSelect QXT P7 i1	Not available.
	SureSelect QXT P7 i2	Not available.
	SureSelect QXT P7 i3	Not available.
	SureSelect QXT P7 i4	Not available.
	SureSelect QXT P7 i5	Not available.
	SureSelect QXT P7 i6	Not available.
	SureSelect QXT P7 i7	Not available.
	SureSelect QXT P7 i8	Not available.
	SureSelect QXT P7 i9	Not available.
	SureSelect QXT P7 i10	Not available.
	SureSelect QXT P7 i11	Not available.
	SureSelect QXT P7 i12	Not available.
	SureSelect QXT P5 i13	Not available.
	SureSelect QXT P5 i14	Not available.
	SureSelect QXT P5 i15	Not available.
	SureSelect QXT P5 i16	Not available.
	SureSelect QXT P5 i17	Not available.
	SureSelect QXT P5 i18	Not available.
	SureSelect QXT P5 i19	Not available.
	SureSelect QXT P5 i20	Not available.
	100 mM dNTP Mix	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect QXT Index 2 Read Primer	Not available.
<b>Melting point/freezing point</b>	: DMSO	18.5°C
	SureSelect QXT Enzyme Mix ILM	Not available.
	SureSelect QXT Buffer	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	SureSelect QXT Index 1 Read Primer	0°C
	SureSelect QXT Read Primer 1	0°C
	SureSelect QXT Read Primer 2	0°C
	SureSelect QXT P7 i1	0°C
	SureSelect QXT P7 i2	0°C
	SureSelect QXT P7 i3	0°C

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## SECTION 9: Physical and chemical properties

SureSelect QXT P7 i4	0°C
SureSelect QXT P7 i5	0°C
SureSelect QXT P7 i6	0°C
SureSelect QXT P7 i7	0°C
SureSelect QXT P7 i8	0°C
SureSelect QXT P7 i9	0°C
SureSelect QXT P7 i10	0°C
SureSelect QXT P7 i11	0°C
SureSelect QXT P7 i12	0°C
SureSelect QXT P5 i13	0°C
SureSelect QXT P5 i14	0°C
SureSelect QXT P5 i15	0°C
SureSelect QXT P5 i16	0°C
SureSelect QXT P5 i17	0°C
SureSelect QXT P5 i18	0°C
SureSelect QXT P5 i19	0°C
SureSelect QXT P5 i20	0°C
100 mM dNTP Mix	Not available.
5X Herculase II Reaction Buffer	Not available.
SureSelect QXT Index 2 Read Primer	0°C
<b>Initial boiling point and boiling range</b> : DMSO	189°C (372.2°F)
SureSelect QXT Enzyme Mix ILM	Not available.
SureSelect QXT Buffer	Not available.
Herculase II Fusion DNA Polymerase	Not available.
SureSelect QXT Index 1 Read Primer	100°C (212°F)
SureSelect QXT Read Primer 1	100°C (212°F)
SureSelect QXT Read Primer 2	100°C (212°F)
SureSelect QXT P7 i1	100°C (212°F)
SureSelect QXT P7 i2	100°C (212°F)
SureSelect QXT P7 i3	100°C (212°F)
SureSelect QXT P7 i4	100°C (212°F)
SureSelect QXT P7 i5	100°C (212°F)
SureSelect QXT P7 i6	100°C (212°F)
SureSelect QXT P7 i7	100°C (212°F)
SureSelect QXT P7 i8	100°C (212°F)
SureSelect QXT P7 i9	100°C (212°F)
SureSelect QXT P7 i10	100°C (212°F)
SureSelect QXT P7 i11	100°C (212°F)
SureSelect QXT P7 i12	100°C (212°F)
SureSelect QXT P5 i13	100°C (212°F)
SureSelect QXT P5 i14	100°C (212°F)
SureSelect QXT P5 i15	100°C (212°F)
SureSelect QXT P5 i16	100°C (212°F)
SureSelect QXT P5 i17	100°C (212°F)
SureSelect QXT P5 i18	100°C (212°F)
SureSelect QXT P5 i19	100°C (212°F)
SureSelect QXT P5 i20	100°C (212°F)
100 mM dNTP Mix	Not available.
5X Herculase II Reaction Buffer	Not available.
SureSelect QXT Index 2 Read Primer	100°C (212°F)

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## SECTION 9: Physical and chemical properties

<b>Flammability (solid, gas)</b>	<b>Flammability (solid, gas)</b> : DMSO	Not applicable.
	SureSelect QXT Enzyme Mix ILM	Not applicable.
	SureSelect QXT Buffer	Not applicable.
	Herculase II Fusion DNA Polymerase	Not applicable.
	SureSelect QXT Index 1 Read Primer	Not applicable.
	SureSelect QXT Read Primer 1	Not applicable.
	SureSelect QXT Read Primer 2	Not applicable.
	SureSelect QXT P7 i1	Not applicable.
	SureSelect QXT P7 i2	Not applicable.
	SureSelect QXT P7 i3	Not applicable.
	SureSelect QXT P7 i4	Not applicable.
	SureSelect QXT P7 i5	Not applicable.
	SureSelect QXT P7 i6	Not applicable.
	SureSelect QXT P7 i7	Not applicable.
	SureSelect QXT P7 i8	Not applicable.
	SureSelect QXT P7 i9	Not applicable.
	SureSelect QXT P7 i10	Not applicable.
	SureSelect QXT P7 i11	Not applicable.
	SureSelect QXT P7 i12	Not applicable.
	SureSelect QXT P5 i13	Not applicable.
	SureSelect QXT P5 i14	Not applicable.
	SureSelect QXT P5 i15	Not applicable.
	SureSelect QXT P5 i16	Not applicable.
	SureSelect QXT P5 i17	Not applicable.
	SureSelect QXT P5 i18	Not applicable.
	SureSelect QXT P5 i19	Not applicable.
	SureSelect QXT P5 i20	Not applicable.
	100 mM dNTP Mix	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect QXT Index 2 Read Primer	Not applicable.

<b>Upper/lower flammability or explosive limits</b>	<b>Upper/lower flammability or explosive limits</b> : DMSO	Lower: 2.6% Upper: 28.5%
	SureSelect QXT Enzyme Mix ILM	Not available.
	SureSelect QXT Buffer	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	SureSelect QXT Index 1 Read Primer	Not available.
	SureSelect QXT Read Primer 1	Not available.
	SureSelect QXT Read Primer 2	Not available.
	SureSelect QXT P7 i1	Not available.
	SureSelect QXT P7 i2	Not available.
	SureSelect QXT P7 i3	Not available.
	SureSelect QXT P7 i4	Not available.
	SureSelect QXT P7 i5	Not available.
	SureSelect QXT P7 i6	Not available.
	SureSelect QXT P7 i7	Not available.
	SureSelect QXT P7 i8	Not available.
	SureSelect QXT P7 i9	Not available.
	SureSelect QXT P7 i10	Not available.
	SureSelect QXT P7 i11	Not available.
	SureSelect QXT P7 i12	Not available.
	SureSelect QXT P5 i13	Not available.

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## SECTION 9: Physical and chemical properties

SureSelect QXT P5 i14 Not available.  
 SureSelect QXT P5 i15 Not available.  
 SureSelect QXT P5 i16 Not available.  
 SureSelect QXT P5 i17 Not available.  
 SureSelect QXT P5 i18 Not available.  
 SureSelect QXT P5 i19 Not available.  
 SureSelect QXT P5 i20 Not available.  
 100 mM dNTP Mix Not available.  
 5X Herculase II Reaction Buffer Not available.  
 SureSelect QXT Index 2 Read Primer Not available.

**Flash point** : DMSO Closed cup: 87°C (188.6°F) [ASTM D 93]  
 Open cup: 87°C (188.6°F)

SureSelect QXT Enzyme Mix ILM Not available.  
 SureSelect QXT Buffer Herculase II Fusion DNA Polymerase Not available.  
 SureSelect QXT Index 1 Read Primer Not available.  
 SureSelect QXT Read Primer 1 Not available.  
 SureSelect QXT Read Primer 2 Not available.  
 SureSelect QXT P7 i1 Not available.  
 SureSelect QXT P7 i2 Not available.  
 SureSelect QXT P7 i3 Not available.  
 SureSelect QXT P7 i4 Not available.  
 SureSelect QXT P7 i5 Not available.  
 SureSelect QXT P7 i6 Not available.  
 SureSelect QXT P7 i7 Not available.  
 SureSelect QXT P7 i8 Not available.  
 SureSelect QXT P7 i9 Not available.  
 SureSelect QXT P7 i10 Not available.  
 SureSelect QXT P7 i11 Not available.  
 SureSelect QXT P7 i12 Not available.  
 SureSelect QXT P5 i13 Not available.  
 SureSelect QXT P5 i14 Not available.  
 SureSelect QXT P5 i15 Not available.  
 SureSelect QXT P5 i16 Not available.  
 SureSelect QXT P5 i17 Not available.  
 SureSelect QXT P5 i18 Not available.  
 SureSelect QXT P5 i19 Not available.  
 SureSelect QXT P5 i20 Not available.  
 100 mM dNTP Mix Not available.  
 5X Herculase II Reaction Buffer Not available.  
 SureSelect QXT Index 2 Read Primer Not available.

Ingredient name	Closed cup			Open cup		
	°C	°F	Method	°C	°F	Method
<b>SureSelect QXT Enzyme Mix ILM</b>						
Edetic acid	>100	>212	DIN 51758			
Poly(oxy-1,2-ethanediyl), .alpha.-[(1,1,3,3-tetramethylbutyl)phenyl]-.omega.-hydroxy-	>109.85	>229.7				
<b>SureSelect QXT Buffer</b>						

SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127

## SECTION 9: Physical and chemical properties

Poly(oxy-1,2-ethanediyl), . alpha-[ (1,1,3,3-tetramethylbutyl) phenyl]-.omega.-hydroxy-  Glycerol	>109.85	>229.7			177	350.6
<b>Herculase II Fusion DNA Polymerase</b>						
Edetic acid	>100	>212	DIN 51758			
Poly(oxy-1,2-ethanediyl), . alpha-[ (1,1,3,3-tetramethylbutyl) phenyl]-.omega.-hydroxy-	>109.85	>229.7				
<b>SureSelect QXT Index 1 Read Primer</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT Read Primer 1</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT Read Primer 2</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT P7 i1</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT P7 i2</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT P7 i3</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT P7 i4</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT P7 i5</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT P7 i6</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT P7 i7</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT P7 i8</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT P7 i9</b>						
Edetic acid	>100	>212	DIN 51758			

## SECTION 9: Physical and chemical properties

<b>SureSelect QXT P7 i10</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT P7 i11</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT P7 i12</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT P5 i13</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT P5 i14</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT P5 i15</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT P5 i16</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT P5 i17</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT P5 i18</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT P5 i19</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT P5 i20</b>						
Edetic acid	>100	>212	DIN 51758			
<b>SureSelect QXT Index 2 Read Primer</b>						
Edetic acid	>100	>212	DIN 51758			

<b>Auto-ignition temperature</b>	:	DMSO	300 to 302°C (572 to 575.6°F)
	:	SureSelect QXT Enzyme Mix ILM	Not available.
	:	SureSelect QXT Buffer	Not available.
	:	Herculase II Fusion DNA Polymerase	Not available.
	:	SureSelect QXT Index 1 Read Primer	Not available.
	:	SureSelect QXT Read Primer 1	Not available.
	:	SureSelect QXT Read Primer 2	Not available.
	:	SureSelect QXT P7 i1	Not available.
	:	SureSelect QXT P7 i2	Not available.
	:	SureSelect QXT P7 i3	Not available.
	:	SureSelect QXT P7 i4	Not available.
	:	SureSelect QXT P7 i5	Not available.

SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127

## SECTION 9: Physical and chemical properties

SureSelect QXT P7 i6 Not available.  
 SureSelect QXT P7 i7 Not available.  
 SureSelect QXT P7 i8 Not available.  
 SureSelect QXT P7 i9 Not available.  
 SureSelect QXT P7 i10 Not available.  
 SureSelect QXT P7 i11 Not available.  
 SureSelect QXT P7 i12 Not available.  
 SureSelect QXT P5 i13 Not available.  
 SureSelect QXT P5 i14 Not available.  
 SureSelect QXT P5 i15 Not available.  
 SureSelect QXT P5 i16 Not available.  
 SureSelect QXT P5 i17 Not available.  
 SureSelect QXT P5 i18 Not available.  
 SureSelect QXT P5 i19 Not available.  
 SureSelect QXT P5 i20 Not available.  
 100 mM dNTP Mix Not available.  
 5X Herculase II Reaction Buffer Not available.  
 SureSelect QXT Index 2 Read Primer Not available.

Ingredient name	°C	°F	Method
<b>SureSelect QXT Enzyme Mix ILM</b>			
Glycerol	370	698	
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT Buffer</b>			
Glycerol	370	698	
<b>Herculase II Fusion DNA Polymerase</b>			
Glycerol	370	698	
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT Index 1 Read Primer</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT Read Primer 1</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT Read Primer 2</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT P7 i1</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT P7 i2</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT P7 i3</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT P7 i4</b>			
Edetic acid	>400	>752	VDI 2263

**SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127**

**SECTION 9: Physical and chemical properties**

<b>SureSelect QXT P7 i5</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT P7 i6</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT P7 i7</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT P7 i8</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT P7 i9</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT P7 i10</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT P7 i11</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT P7 i12</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT P5 i13</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT P5 i14</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT P5 i15</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT P5 i16</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT P5 i17</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT P5 i18</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT P5 i19</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT P5 i20</b>			
Edetic acid	>400	>752	VDI 2263
<b>SureSelect QXT Index 2 Read Primer</b>			



SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127

## SECTION 9: Physical and chemical properties

	Edetic acid	>400	>752	VDI 2263	
<b>Decomposition temperature</b>	: DMSO	140 to 189°C			
	SureSelect QXT Enzyme Mix ILM	Not available.			
	SureSelect QXT Buffer	Not available.			
	Herculase II Fusion DNA Polymerase	Not available.			
	SureSelect QXT Index 1 Read Primer	Not available.			
	SureSelect QXT Read Primer 1	Not available.			
	SureSelect QXT Read Primer 2	Not available.			
	SureSelect QXT P7 i1	Not available.			
	SureSelect QXT P7 i2	Not available.			
	SureSelect QXT P7 i3	Not available.			
	SureSelect QXT P7 i4	Not available.			
	SureSelect QXT P7 i5	Not available.			
	SureSelect QXT P7 i6	Not available.			
	SureSelect QXT P7 i7	Not available.			
	SureSelect QXT P7 i8	Not available.			
	SureSelect QXT P7 i9	Not available.			
	SureSelect QXT P7 i10	Not available.			
	SureSelect QXT P7 i11	Not available.			
	SureSelect QXT P7 i12	Not available.			
	SureSelect QXT P5 i13	Not available.			
	SureSelect QXT P5 i14	Not available.			
	SureSelect QXT P5 i15	Not available.			
	SureSelect QXT P5 i16	Not available.			
	SureSelect QXT P5 i17	Not available.			
	SureSelect QXT P5 i18	Not available.			
	SureSelect QXT P5 i19	Not available.			
	SureSelect QXT P5 i20	Not available.			
	100 mM dNTP Mix	Not available.			
	5X Herculase II Reaction Buffer	Not available.			
	SureSelect QXT Index 2 Read Primer	Not available.			
	<b>pH</b>	: DMSO	Not available.		
		SureSelect QXT Enzyme Mix ILM	7.9		
SureSelect QXT Buffer		7.5			
Herculase II Fusion DNA Polymerase		7.5 to 8.7			
SureSelect QXT Index 1 Read Primer		7			
SureSelect QXT Read Primer 1		7			
SureSelect QXT Read Primer 2		7			
SureSelect QXT P7 i1		7			
SureSelect QXT P7 i2		7			
SureSelect QXT P7 i3		7			
SureSelect QXT P7 i4		7			
SureSelect QXT P7 i5		7			
SureSelect QXT P7 i6		7			
SureSelect QXT P7 i7		7			
SureSelect QXT P7 i8		7			
SureSelect QXT P7 i9	7				
SureSelect QXT P7 i10	7				
SureSelect QXT P7 i11	7				
SureSelect QXT P7 i12	7				
SureSelect QXT P5 i13	7				

SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127

## SECTION 9: Physical and chemical properties

SureSelect QXT P5 i14	7
SureSelect QXT P5 i15	7
SureSelect QXT P5 i16	7
SureSelect QXT P5 i17	7
SureSelect QXT P5 i18	7
SureSelect QXT P5 i19	7
SureSelect QXT P5 i20	7
100 mM dNTP Mix	7.5
5X Herculase II Reaction Buffer	9.5 to 10.5
SureSelect QXT Index 2 Read Primer	7

### Viscosity

: DMSO	Dynamic: 2.14 mPa·s
SureSelect QXT Enzyme Mix ILM	Not available.
SureSelect QXT Buffer	Not available.
Herculase II Fusion DNA Polymerase	Not available.
SureSelect QXT Index 1 Read Primer	Not available.
SureSelect QXT Read Primer 1	Not available.
SureSelect QXT Read Primer 2	Not available.
SureSelect QXT P7 i1	Not available.
SureSelect QXT P7 i2	Not available.
SureSelect QXT P7 i3	Not available.
SureSelect QXT P7 i4	Not available.
SureSelect QXT P7 i5	Not available.
SureSelect QXT P7 i6	Not available.
SureSelect QXT P7 i7	Not available.
SureSelect QXT P7 i8	Not available.
SureSelect QXT P7 i9	Not available.
SureSelect QXT P7 i10	Not available.
SureSelect QXT P7 i11	Not available.
SureSelect QXT P7 i12	Not available.
SureSelect QXT P5 i13	Not available.
SureSelect QXT P5 i14	Not available.
SureSelect QXT P5 i15	Not available.
SureSelect QXT P5 i16	Not available.
SureSelect QXT P5 i17	Not available.
SureSelect QXT P5 i18	Not available.
SureSelect QXT P5 i19	Not available.
SureSelect QXT P5 i20	Not available.
100 mM dNTP Mix	Not available.
5X Herculase II Reaction Buffer	Not available.
SureSelect QXT Index 2 Read Primer	Not available.

### Solubility(ies)

: DMSO	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT Enzyme Mix ILM	Soluble in the following materials: cold water and hot water.
SureSelect QXT Buffer	Soluble in the following materials: cold water and hot water.
Herculase II Fusion DNA Polymerase	Soluble in the following materials: cold water and hot water.
SureSelect QXT Index 1 Read Primer	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT Read Primer 1	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT Read Primer 2	Easily soluble in the following materials: cold water and hot water.

## SECTION 9: Physical and chemical properties

SureSelect QXT P7 i1	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT P7 i2	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT P7 i3	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT P7 i4	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT P7 i5	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT P7 i6	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT P7 i7	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT P7 i8	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT P7 i9	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT P7 i10	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT P7 i11	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT P7 i12	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT P5 i13	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT P5 i14	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT P5 i15	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT P5 i16	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT P5 i17	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT P5 i18	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT P5 i19	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT P5 i20	Easily soluble in the following materials: cold water and hot water.
100 mM dNTP Mix	Easily soluble in the following materials: cold water and hot water.
5X Herculase II Reaction Buffer	Easily soluble in the following materials: cold water and hot water.
SureSelect QXT Index 2 Read Primer	Easily soluble in the following materials: cold water and hot water.
DMSO	-1.35
SureSelect QXT Enzyme Mix ILM	Not applicable.
SureSelect QXT Buffer	Not applicable.
Herculase II Fusion DNA Polymerase	Not applicable.
SureSelect QXT Index 1 Read Primer	Not applicable.
SureSelect QXT Read Primer 1	Not applicable.
SureSelect QXT Read Primer 2	Not applicable.
SureSelect QXT P7 i1	Not applicable.
SureSelect QXT P7 i2	Not applicable.
SureSelect QXT P7 i3	Not applicable.
SureSelect QXT P7 i4	Not applicable.
SureSelect QXT P7 i5	Not applicable.

Partition coefficient: n-octanol/water

SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127

## SECTION 9: Physical and chemical properties

SureSelect QXT P7 i6	Not applicable.
SureSelect QXT P7 i7	Not applicable.
SureSelect QXT P7 i8	Not applicable.
SureSelect QXT P7 i9	Not applicable.
SureSelect QXT P7 i10	Not applicable.
SureSelect QXT P7 i11	Not applicable.
SureSelect QXT P7 i12	Not applicable.
SureSelect QXT P5 i13	Not applicable.
SureSelect QXT P5 i14	Not applicable.
SureSelect QXT P5 i15	Not applicable.
SureSelect QXT P5 i16	Not applicable.
SureSelect QXT P5 i17	Not applicable.
SureSelect QXT P5 i18	Not applicable.
SureSelect QXT P5 i19	Not applicable.
SureSelect QXT P5 i20	Not applicable.
100 mM dNTP Mix	Not applicable.
5X Herculase II Reaction Buffer	Not applicable.
SureSelect QXT Index 2 Read Primer	Not applicable.

**Vapour pressure** : DMSO 0.056 kPa (0.42 mm Hg) [EU A.4]

SureSelect QXT Enzyme Mix ILM	Not available.
SureSelect QXT Buffer	Not available.
Herculase II Fusion DNA Polymerase	Not available.
SureSelect QXT Index 1 Read Primer	Not available.
SureSelect QXT Read Primer 1	Not available.
SureSelect QXT Read Primer 2	Not available.
SureSelect QXT P7 i1	Not available.
SureSelect QXT P7 i2	Not available.
SureSelect QXT P7 i3	Not available.
SureSelect QXT P7 i4	Not available.
SureSelect QXT P7 i5	Not available.
SureSelect QXT P7 i6	Not available.
SureSelect QXT P7 i7	Not available.
SureSelect QXT P7 i8	Not available.
SureSelect QXT P7 i9	Not available.
SureSelect QXT P7 i10	Not available.
SureSelect QXT P7 i11	Not available.
SureSelect QXT P7 i12	Not available.
SureSelect QXT P5 i13	Not available.
SureSelect QXT P5 i14	Not available.
SureSelect QXT P5 i15	Not available.
SureSelect QXT P5 i16	Not available.
SureSelect QXT P5 i17	Not available.
SureSelect QXT P5 i18	Not available.
SureSelect QXT P5 i19	Not available.
SureSelect QXT P5 i20	Not available.
100 mM dNTP Mix	Not available.
5X Herculase II Reaction Buffer	Not available.
SureSelect QXT Index 2 Read Primer	Not available.

SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127

## SECTION 9: Physical and chemical properties

Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
<b>SureSelect QXT Enzyme Mix ILM</b>						
water	23.8	3.2		92.258	12.3	
Glycerol	0.000075	0.00001		0.0025	0.00033	
<b>SureSelect QXT Buffer</b>						
water	23.8	3.2		92.258	12.3	
Glycerol	0.000075	0.00001		0.0025	0.00033	
<b>Herculase II Fusion DNA Polymerase</b>						
water	23.8	3.2		92.258	12.3	
Sorbitan monolaurate, ethoxylated	<1	<0.13				
<b>SureSelect QXT Index 1 Read Primer</b>						
water	23.8	3.2		92.258	12.3	
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
<b>SureSelect QXT Read Primer 1</b>						
water	23.8	3.2		92.258	12.3	
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
<b>SureSelect QXT Read Primer 2</b>						
water	23.8	3.2		92.258	12.3	
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
<b>SureSelect QXT P7 i1</b>						
water	23.8	3.2		92.258	12.3	
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
<b>SureSelect QXT P7 i2</b>						
water	23.8	3.2		92.258	12.3	
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
<b>SureSelect QXT P7 i3</b>						
water	23.8	3.2		92.258	12.3	

**SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127**

**SECTION 9: Physical and chemical properties**

2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036	0.000007501	0.000001
<b>SureSelect QXT P7 i4</b>				
water	23.8	3.2	92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036	0.000007501	0.000001
<b>SureSelect QXT P7 i5</b>				
water	23.8	3.2	92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036	0.000007501	0.000001
<b>SureSelect QXT P7 i6</b>				
water	23.8	3.2	92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036	0.000007501	0.000001
<b>SureSelect QXT P7 i7</b>				
water	23.8	3.2	92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036	0.000007501	0.000001
<b>SureSelect QXT P7 i8</b>				
water	23.8	3.2	92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036	0.000007501	0.000001
<b>SureSelect QXT P7 i9</b>				
water	23.8	3.2	92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036	0.000007501	0.000001
<b>SureSelect QXT P7 i10</b>				
water	23.8	3.2	92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036	0.000007501	0.000001
<b>SureSelect QXT P7 i11</b>				
water	23.8	3.2	92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036	0.000007501	0.000001
<b>SureSelect QXT P7 i12</b>				
water	23.8	3.2	92.258	12.3
2-Amino-2-	0.000027	0.0000036	0.000007501	0.000001

SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127

## SECTION 9: Physical and chemical properties

(hydroxymethyl)propane-1,3-diol hydrochloride					
<b>SureSelect QXT P5 i13</b>					
water	23.8	3.2		92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001
<b>SureSelect QXT P5 i14</b>					
water	23.8	3.2		92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001
<b>SureSelect QXT P5 i15</b>					
water	23.8	3.2		92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001
<b>SureSelect QXT P5 i16</b>					
water	23.8	3.2		92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001
<b>SureSelect QXT P5 i17</b>					
water	23.8	3.2		92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001
<b>SureSelect QXT P5 i18</b>					
water	23.8	3.2		92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001
<b>SureSelect QXT P5 i19</b>					
water	23.8	3.2		92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001
<b>SureSelect QXT P5 i20</b>					
water	23.8	3.2		92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001
<b>100 mM dNTP Mix</b>					
water	23.8	3.2		92.258	12.3
<b>5X Herculase II</b>					

SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127

## SECTION 9: Physical and chemical properties

Reaction Buffer						
water		23.8	3.2		92.258	12.3
Sulfuric acid, magnesium salt, hydrate (1:1:7)		<0.1	<0.013			
SureSelect QXT Index 2 Read Primer						
water		23.8	3.2		92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride		0.000027	0.0000036		0.000007501	0.000001

<b>Evaporation rate</b>	:	DMSO	0.026 (butyl acetate = 1)	
		SureSelect QXT Enzyme Mix ILM	Not available.	
		SureSelect QXT Buffer	Not available.	
		Herculase II Fusion DNA Polymerase	Not available.	
		SureSelect QXT Index 1 Read Primer	Not available.	
		SureSelect QXT Read Primer 1	Not available.	
		SureSelect QXT Read Primer 2	Not available.	
		SureSelect QXT P7 i1	Not available.	
		SureSelect QXT P7 i2	Not available.	
		SureSelect QXT P7 i3	Not available.	
		SureSelect QXT P7 i4	Not available.	
		SureSelect QXT P7 i5	Not available.	
		SureSelect QXT P7 i6	Not available.	
		SureSelect QXT P7 i7	Not available.	
		SureSelect QXT P7 i8	Not available.	
		SureSelect QXT P7 i9	Not available.	
		SureSelect QXT P7 i10	Not available.	
		SureSelect QXT P7 i11	Not available.	
		SureSelect QXT P7 i12	Not available.	
		SureSelect QXT P5 i13	Not available.	
		SureSelect QXT P5 i14	Not available.	
		SureSelect QXT P5 i15	Not available.	
		SureSelect QXT P5 i16	Not available.	
		SureSelect QXT P5 i17	Not available.	
		SureSelect QXT P5 i18	Not available.	
		SureSelect QXT P5 i19	Not available.	
		SureSelect QXT P5 i20	Not available.	
		100 mM dNTP Mix	Not available.	
		5X Herculase II Reaction Buffer	Not available.	
		SureSelect QXT Index 2 Read Primer	Not available.	
	<b>Relative density</b>	:	DMSO	1.1
			SureSelect QXT Enzyme Mix ILM	Not available.
		SureSelect QXT Buffer	Not available.	
		Herculase II Fusion DNA Polymerase	Not available.	
		SureSelect QXT Index 1 Read Primer	Not available.	
		SureSelect QXT Read Primer 1	Not available.	
		SureSelect QXT Read Primer 2	Not available.	
		SureSelect QXT P7 i1	Not available.	



SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127

## SECTION 9: Physical and chemical properties

SureSelect QXT P7 i2	Not available.
SureSelect QXT P7 i3	Not available.
SureSelect QXT P7 i4	Not available.
SureSelect QXT P7 i5	Not available.
SureSelect QXT P7 i6	Not available.
SureSelect QXT P7 i7	Not available.
SureSelect QXT P7 i8	Not available.
SureSelect QXT P7 i9	Not available.
SureSelect QXT P7 i10	Not available.
SureSelect QXT P7 i11	Not available.
SureSelect QXT P7 i12	Not available.
SureSelect QXT P5 i13	Not available.
SureSelect QXT P5 i14	Not available.
SureSelect QXT P5 i15	Not available.
SureSelect QXT P5 i16	Not available.
SureSelect QXT P5 i17	Not available.
SureSelect QXT P5 i18	Not available.
SureSelect QXT P5 i19	Not available.
SureSelect QXT P5 i20	Not available.
100 mM dNTP Mix	Not available.
5X Herculase II Reaction Buffer	Not available.
SureSelect QXT Index 2 Read Primer	Not available.
DMSO	2.7 [Air = 1]
SureSelect QXT Enzyme Mix ILM	Not available.
SureSelect QXT Buffer	Not available.
Herculase II Fusion DNA Polymerase	Not available.
SureSelect QXT Index 1 Read Primer	Not available.
SureSelect QXT Read Primer 1	Not available.
SureSelect QXT Read Primer 2	Not available.
SureSelect QXT P7 i1	Not available.
SureSelect QXT P7 i2	Not available.
SureSelect QXT P7 i3	Not available.
SureSelect QXT P7 i4	Not available.
SureSelect QXT P7 i5	Not available.
SureSelect QXT P7 i6	Not available.
SureSelect QXT P7 i7	Not available.
SureSelect QXT P7 i8	Not available.
SureSelect QXT P7 i9	Not available.
SureSelect QXT P7 i10	Not available.
SureSelect QXT P7 i11	Not available.
SureSelect QXT P7 i12	Not available.
SureSelect QXT P5 i13	Not available.
SureSelect QXT P5 i14	Not available.
SureSelect QXT P5 i15	Not available.
SureSelect QXT P5 i16	Not available.
SureSelect QXT P5 i17	Not available.
SureSelect QXT P5 i18	Not available.
SureSelect QXT P5 i19	Not available.
SureSelect QXT P5 i20	Not available.
100 mM dNTP Mix	Not available.
5X Herculase II Reaction Buffer	Not available.
SureSelect QXT Index 2 Read Primer	Not available.

Vapour density

:

## SECTION 9: Physical and chemical properties

<b>Oxidising properties</b>	:	DMSO	Not available.
		SureSelect QXT Enzyme Mix ILM	Not available.
		SureSelect QXT Buffer	Not available.
		Herculase II Fusion DNA Polymerase	Not available.
		SureSelect QXT Index 1 Read Primer	Not available.
		SureSelect QXT Read Primer 1	Not available.
		SureSelect QXT Read Primer 2	Not available.
		SureSelect QXT P7 i1	Not available.
		SureSelect QXT P7 i2	Not available.
		SureSelect QXT P7 i3	Not available.
		SureSelect QXT P7 i4	Not available.
		SureSelect QXT P7 i5	Not available.
		SureSelect QXT P7 i6	Not available.
		SureSelect QXT P7 i7	Not available.
		SureSelect QXT P7 i8	Not available.
		SureSelect QXT P7 i9	Not available.
		SureSelect QXT P7 i10	Not available.
		SureSelect QXT P7 i11	Not available.
		SureSelect QXT P7 i12	Not available.
		SureSelect QXT P5 i13	Not available.
		SureSelect QXT P5 i14	Not available.
		SureSelect QXT P5 i15	Not available.
		SureSelect QXT P5 i16	Not available.
		SureSelect QXT P5 i17	Not available.
		SureSelect QXT P5 i18	Not available.
		SureSelect QXT P5 i19	Not available.
		SureSelect QXT P5 i20	Not available.
		100 mM dNTP Mix	Not available.
		5X Herculase II Reaction Buffer	Not available.
		SureSelect QXT Index 2 Read Primer	Not available.

### Particle characteristics

<b>Median particle size</b>	:	DMSO	Not applicable.
		SureSelect QXT Enzyme Mix ILM	Not applicable.
		SureSelect QXT Buffer	Not applicable.
		Herculase II Fusion DNA Polymerase	Not applicable.
		SureSelect QXT Index 1 Read Primer	Not applicable.
		SureSelect QXT Read Primer 1	Not applicable.
		SureSelect QXT Read Primer 2	Not applicable.
		SureSelect QXT P7 i1	Not applicable.
		SureSelect QXT P7 i2	Not applicable.
		SureSelect QXT P7 i3	Not applicable.
		SureSelect QXT P7 i4	Not applicable.
		SureSelect QXT P7 i5	Not applicable.
		SureSelect QXT P7 i6	Not applicable.
		SureSelect QXT P7 i7	Not applicable.
		SureSelect QXT P7 i8	Not applicable.
		SureSelect QXT P7 i9	Not applicable.
		SureSelect QXT P7 i10	Not applicable.
		SureSelect QXT P7 i11	Not applicable.
		SureSelect QXT P7 i12	Not applicable.
		SureSelect QXT P5 i13	Not applicable.

SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127

## SECTION 9: Physical and chemical properties

SureSelect QXT P5 i14	Not applicable.
SureSelect QXT P5 i15	Not applicable.
SureSelect QXT P5 i16	Not applicable.
SureSelect QXT P5 i17	Not applicable.
SureSelect QXT P5 i18	Not applicable.
SureSelect QXT P5 i19	Not applicable.
SureSelect QXT P5 i20	Not applicable.
100 mM dNTP Mix	Not applicable.
5X Herculase II Reaction Buffer	Not applicable.
SureSelect QXT Index 2 Read Primer	Not applicable.

### 9.2 Other information

No additional information.

## SECTION 10: Stability and reactivity

<b>10.1 Reactivity</b>	: DMSO	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT Enzyme Mix ILM	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT Buffer	No specific test data related to reactivity available for this product or its ingredients.
	Herculase II Fusion DNA Polymerase	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT Index 1 Read Primer	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT Read Primer 1	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT Read Primer 2	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT P7 i1	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT P7 i2	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT P7 i3	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT P7 i4	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT P7 i5	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT P7 i6	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT P7 i7	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT P7 i8	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT P7 i9	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT P7 i10	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT P7 i11	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT P7 i12	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT P5 i13	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT P5 i14	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT P5 i15	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT P5 i16	No specific test data related to reactivity available for this product or its ingredients.

## SECTION 10: Stability and reactivity

SureSelect QXT P5 i17	product or its ingredients. No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P5 i18	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P5 i19	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P5 i20	No specific test data related to reactivity available for this product or its ingredients.
100 mM dNTP Mix	No specific test data related to reactivity available for this product or its ingredients.
5X Herculase II Reaction Buffer	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT Index 2 Read Primer	No specific test data related to reactivity available for this product or its ingredients.

### 10.2 Chemical stability

: DMSO	The product is stable.
SureSelect QXT Enzyme Mix ILM	The product is stable.
SureSelect QXT Buffer	The product is stable.
Herculase II Fusion DNA Polymerase	The product is stable.
SureSelect QXT Index 1 Read Primer	The product is stable.
SureSelect QXT Read Primer 1	The product is stable.
SureSelect QXT Read Primer 2	The product is stable.
SureSelect QXT P7 i1	The product is stable.
SureSelect QXT P7 i2	The product is stable.
SureSelect QXT P7 i3	The product is stable.
SureSelect QXT P7 i4	The product is stable.
SureSelect QXT P7 i5	The product is stable.
SureSelect QXT P7 i6	The product is stable.
SureSelect QXT P7 i7	The product is stable.
SureSelect QXT P7 i8	The product is stable.
SureSelect QXT P7 i9	The product is stable.
SureSelect QXT P7 i10	The product is stable.
SureSelect QXT P7 i11	The product is stable.
SureSelect QXT P7 i12	The product is stable.
SureSelect QXT P5 i13	The product is stable.
SureSelect QXT P5 i14	The product is stable.
SureSelect QXT P5 i15	The product is stable.
SureSelect QXT P5 i16	The product is stable.
SureSelect QXT P5 i17	The product is stable.
SureSelect QXT P5 i18	The product is stable.
SureSelect QXT P5 i19	The product is stable.
SureSelect QXT P5 i20	The product is stable.
100 mM dNTP Mix	The product is stable.
5X Herculase II Reaction Buffer	The product is stable.
SureSelect QXT Index 2 Read Primer	The product is stable.

### 10.3 Possibility of hazardous reactions

: DMSO	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT Enzyme Mix ILM	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.
Herculase II Fusion DNA Polymerase	Under normal conditions of storage and use, hazardous reactions will not occur.

## SECTION 10: Stability and reactivity

SureSelect QXT Index 1 Read Primer	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT Read Primer 1	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT Read Primer 2	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT P7 i1	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT P7 i2	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT P7 i3	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT P7 i4	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT P7 i5	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT P7 i6	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT P7 i7	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT P7 i8	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT P7 i9	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT P7 i10	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT P7 i11	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT P7 i12	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT P5 i13	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT P5 i14	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT P5 i15	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT P5 i16	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT P5 i17	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT P5 i18	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT P5 i19	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT P5 i20	Under normal conditions of storage and use, hazardous reactions will not occur.
100 mM dNTP Mix	Under normal conditions of storage and use, hazardous reactions will not occur.
5X Herculase II Reaction Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.
SureSelect QXT Index 2 Read Primer	Under normal conditions of storage and use, hazardous reactions will not occur.

<b>10.4 Conditions to avoid</b>	:	DMSO	No specific data.
		SureSelect QXT Enzyme Mix ILM	No specific data.
		SureSelect QXT Buffer	No specific data.
		Herculase II Fusion DNA Polymerase	No specific data.
		SureSelect QXT Index 1 Read Primer	No specific data.
		SureSelect QXT Read	No specific data.

## SECTION 10: Stability and reactivity

Primer 1	
SureSelect QXT Read	No specific data.
Primer 2	
SureSelect QXT P7 i1	No specific data.
SureSelect QXT P7 i2	No specific data.
SureSelect QXT P7 i3	No specific data.
SureSelect QXT P7 i4	No specific data.
SureSelect QXT P7 i5	No specific data.
SureSelect QXT P7 i6	No specific data.
SureSelect QXT P7 i7	No specific data.
SureSelect QXT P7 i8	No specific data.
SureSelect QXT P7 i9	No specific data.
SureSelect QXT P7 i10	No specific data.
SureSelect QXT P7 i11	No specific data.
SureSelect QXT P7 i12	No specific data.
SureSelect QXT P5 i13	No specific data.
SureSelect QXT P5 i14	No specific data.
SureSelect QXT P5 i15	No specific data.
SureSelect QXT P5 i16	No specific data.
SureSelect QXT P5 i17	No specific data.
SureSelect QXT P5 i18	No specific data.
SureSelect QXT P5 i19	No specific data.
SureSelect QXT P5 i20	No specific data.
100 mM dNTP Mix	No specific data.
5X Herculase II Reaction	No specific data.
Buffer	
SureSelect QXT Index 2	No specific data.
Read Primer	

### 10.5 Incompatible materials

: DMSO	May react or be incompatible with oxidising materials.
SureSelect QXT Enzyme Mix ILM	May react or be incompatible with oxidising materials.
SureSelect QXT Buffer	May react or be incompatible with oxidising materials.
Herculase II Fusion DNA Polymerase	May react or be incompatible with oxidising materials.
SureSelect QXT Index 1	May react or be incompatible with oxidising materials.
Read Primer	
SureSelect QXT Read	May react or be incompatible with oxidising materials.
Primer 1	
SureSelect QXT Read	May react or be incompatible with oxidising materials.
Primer 2	
SureSelect QXT P7 i1	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i2	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i3	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i4	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i5	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i6	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i7	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i8	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i9	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i10	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i11	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i12	May react or be incompatible with oxidising materials.
SureSelect QXT P5 i13	May react or be incompatible with oxidising materials.
SureSelect QXT P5 i14	May react or be incompatible with oxidising materials.
SureSelect QXT P5 i15	May react or be incompatible with oxidising materials.
SureSelect QXT P5 i16	May react or be incompatible with oxidising materials.
SureSelect QXT P5 i17	May react or be incompatible with oxidising materials.
SureSelect QXT P5 i18	May react or be incompatible with oxidising materials.
SureSelect QXT P5 i19	May react or be incompatible with oxidising materials.
SureSelect QXT P5 i20	May react or be incompatible with oxidising materials.
100 mM dNTP Mix	May react or be incompatible with oxidising materials.

## SECTION 10: Stability and reactivity

5X Herculase II Reaction Buffer May react or be incompatible with oxidising materials.  
 SureSelect QXT Index 2 Read Primer May react or be incompatible with oxidising materials.

### 10.6 Hazardous decomposition products

: DMSO Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT Enzyme Mix ILM Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT Buffer Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Herculase II Fusion DNA Polymerase Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT Index 1 Read Primer Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT Read Primer 1 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT Read Primer 2 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT P7 i1 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT P7 i2 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT P7 i3 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT P7 i4 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT P7 i5 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT P7 i6 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT P7 i7 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT P7 i8 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT P7 i9 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT P7 i10 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT P7 i11 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT P7 i12 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT P5 i13 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT P5 i14 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT P5 i15 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT P5 i16 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT P5 i17 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT P5 i18 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT P5 i19 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT P5 i20 Under normal conditions of storage and use, hazardous decomposition products should not be produced.

100 mM dNTP Mix Under normal conditions of storage and use, hazardous decomposition products should not be produced.

5X Herculase II Reaction Buffer Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127

## SECTION 10: Stability and reactivity

SureSelect QXT Index 2 Read Primer Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
<b>DMSO</b> Dimethyl sulfoxide	LD50 Dermal LD50 Oral	Rat Rat	40000 mg/kg 14500 mg/kg	- -
<b>5X Herculase II Reaction Buffer</b> Trometamol Ammonium sulphate Hexadecan-1-ol, ethoxylated	LD50 Dermal LD50 Oral LD50 Oral	Rat Rat Rat	>5000 mg/kg 2840 mg/kg 2500 mg/kg	- - -

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
<b>DMSO</b> Dimethyl sulfoxide	14500	40000	N/A	N/A	N/A
<b>5X Herculase II Reaction Buffer</b> Ammonium sulphate Hexadecan-1-ol, ethoxylated	2840 2500	N/A N/A	N/A N/A	N/A N/A	N/A N/A

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
<b>DMSO</b> Dimethyl sulfoxide	Eyes - Mild irritant Eyes - Mild irritant Skin - Mild irritant Skin - Mild irritant	Rabbit Rabbit Rabbit Rabbit	- - - -	24 hours 500 mg 100 mg 24 hours 500 mg 100 mg	- - - -
<b>5X Herculase II Reaction Buffer</b> Trometamol	Skin - Moderate irritant Skin - Severe irritant	Rabbit Rabbit	- -	25 % 500 mg	- -

#### Sensitiser

Conclusion/Summary : 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)

Not available.



## SECTION 11: Toxicological information

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

### Information on likely routes of exposure

: DMSO	Routes of entry anticipated: Oral, Dermal, Inhalation.
SureSelect QXT Enzyme Mix ILM	Routes of entry anticipated: Oral, Dermal, Inhalation.
SureSelect QXT Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
Herculase II Fusion DNA Polymerase	Routes of entry anticipated: Oral, Dermal, Inhalation.
SureSelect QXT Index 1 Read Primer	Not available.
SureSelect QXT Read Primer 1	Not available.
SureSelect QXT Read Primer 2	Not available.
SureSelect QXT P7 i1	Not available.
SureSelect QXT P7 i2	Not available.
SureSelect QXT P7 i3	Not available.
SureSelect QXT P7 i4	Not available.
SureSelect QXT P7 i5	Not available.
SureSelect QXT P7 i6	Not available.
SureSelect QXT P7 i7	Not available.
SureSelect QXT P7 i8	Not available.
SureSelect QXT P7 i9	Not available.
SureSelect QXT P7 i10	Not available.
SureSelect QXT P7 i11	Not available.
SureSelect QXT P7 i12	Not available.
SureSelect QXT P5 i13	Not available.
SureSelect QXT P5 i14	Not available.
SureSelect QXT P5 i15	Not available.
SureSelect QXT P5 i16	Not available.
SureSelect QXT P5 i17	Not available.
SureSelect QXT P5 i18	Not available.
SureSelect QXT P5 i19	Not available.
SureSelect QXT P5 i20	Not available.
100 mM dNTP Mix	Not available.
5X Herculase II Reaction Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
SureSelect QXT Index 2 Read Primer	Not available.

### Potential acute health effects

#### Inhalation

: DMSO	No known significant effects or critical hazards.
SureSelect QXT Enzyme Mix ILM	No known significant effects or critical hazards.
SureSelect QXT Buffer	No known significant effects or critical hazards.
Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
SureSelect QXT Index 1 Read Primer	No known significant effects or critical hazards.
SureSelect QXT Read Primer 1	No known significant effects or critical hazards.
SureSelect QXT Read Primer 2	No known significant effects or critical hazards.
SureSelect QXT P7 i1	No known significant effects or critical hazards.
SureSelect QXT P7 i2	No known significant effects or critical hazards.
SureSelect QXT P7 i3	No known significant effects or critical hazards.
SureSelect QXT P7 i4	No known significant effects or critical hazards.
SureSelect QXT P7 i5	No known significant effects or critical hazards.
SureSelect QXT P7 i6	No known significant effects or critical hazards.

## SECTION 11: Toxicological information

SureSelect QXT P7 i7	No known significant effects or critical hazards.
SureSelect QXT P7 i8	No known significant effects or critical hazards.
SureSelect QXT P7 i9	No known significant effects or critical hazards.
SureSelect QXT P7 i10	No known significant effects or critical hazards.
SureSelect QXT P7 i11	No known significant effects or critical hazards.
SureSelect QXT P7 i12	No known significant effects or critical hazards.
SureSelect QXT P5 i13	No known significant effects or critical hazards.
SureSelect QXT P5 i14	No known significant effects or critical hazards.
SureSelect QXT P5 i15	No known significant effects or critical hazards.
SureSelect QXT P5 i16	No known significant effects or critical hazards.
SureSelect QXT P5 i17	No known significant effects or critical hazards.
SureSelect QXT P5 i18	No known significant effects or critical hazards.
SureSelect QXT P5 i19	No known significant effects or critical hazards.
SureSelect QXT P5 i20	No known significant effects or critical hazards.
100 mM dNTP Mix	No known significant effects or critical hazards.
5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
SureSelect QXT Index 2 Read Primer	No known significant effects or critical hazards.
<b>Ingestion</b> : DMSO	No known significant effects or critical hazards.
SureSelect QXT Enzyme Mix ILM	No known significant effects or critical hazards.
SureSelect QXT Buffer	No known significant effects or critical hazards.
Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
SureSelect QXT Index 1 Read Primer	No known significant effects or critical hazards.
SureSelect QXT Read Primer 1	No known significant effects or critical hazards.
SureSelect QXT Read Primer 2	No known significant effects or critical hazards.
SureSelect QXT P7 i1	No known significant effects or critical hazards.
SureSelect QXT P7 i2	No known significant effects or critical hazards.
SureSelect QXT P7 i3	No known significant effects or critical hazards.
SureSelect QXT P7 i4	No known significant effects or critical hazards.
SureSelect QXT P7 i5	No known significant effects or critical hazards.
SureSelect QXT P7 i6	No known significant effects or critical hazards.
SureSelect QXT P7 i7	No known significant effects or critical hazards.
SureSelect QXT P7 i8	No known significant effects or critical hazards.
SureSelect QXT P7 i9	No known significant effects or critical hazards.
SureSelect QXT P7 i10	No known significant effects or critical hazards.
SureSelect QXT P7 i11	No known significant effects or critical hazards.
SureSelect QXT P7 i12	No known significant effects or critical hazards.
SureSelect QXT P5 i13	No known significant effects or critical hazards.
SureSelect QXT P5 i14	No known significant effects or critical hazards.
SureSelect QXT P5 i15	No known significant effects or critical hazards.
SureSelect QXT P5 i16	No known significant effects or critical hazards.
SureSelect QXT P5 i17	No known significant effects or critical hazards.
SureSelect QXT P5 i18	No known significant effects or critical hazards.
SureSelect QXT P5 i19	No known significant effects or critical hazards.
SureSelect QXT P5 i20	No known significant effects or critical hazards.
100 mM dNTP Mix	No known significant effects or critical hazards.
5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
SureSelect QXT Index 2 Read Primer	No known significant effects or critical hazards.

## SECTION 11: Toxicological information

<b>Skin contact</b>	:	DMSO	No known significant effects or critical hazards.	
		SureSelect QXT Enzyme Mix ILM	No known significant effects or critical hazards.	
		SureSelect QXT Buffer	No known significant effects or critical hazards.	
		Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.	
		SureSelect QXT Index 1 Read Primer	No known significant effects or critical hazards.	
		SureSelect QXT Read Primer 1	No known significant effects or critical hazards.	
		SureSelect QXT Read Primer 2	No known significant effects or critical hazards.	
		SureSelect QXT P7 i1	No known significant effects or critical hazards.	
		SureSelect QXT P7 i2	No known significant effects or critical hazards.	
		SureSelect QXT P7 i3	No known significant effects or critical hazards.	
		SureSelect QXT P7 i4	No known significant effects or critical hazards.	
		SureSelect QXT P7 i5	No known significant effects or critical hazards.	
		SureSelect QXT P7 i6	No known significant effects or critical hazards.	
		SureSelect QXT P7 i7	No known significant effects or critical hazards.	
		SureSelect QXT P7 i8	No known significant effects or critical hazards.	
		SureSelect QXT P7 i9	No known significant effects or critical hazards.	
		SureSelect QXT P7 i10	No known significant effects or critical hazards.	
		SureSelect QXT P7 i11	No known significant effects or critical hazards.	
		SureSelect QXT P7 i12	No known significant effects or critical hazards.	
		SureSelect QXT P5 i13	No known significant effects or critical hazards.	
		SureSelect QXT P5 i14	No known significant effects or critical hazards.	
		SureSelect QXT P5 i15	No known significant effects or critical hazards.	
		SureSelect QXT P5 i16	No known significant effects or critical hazards.	
		SureSelect QXT P5 i17	No known significant effects or critical hazards.	
		SureSelect QXT P5 i18	No known significant effects or critical hazards.	
		SureSelect QXT P5 i19	No known significant effects or critical hazards.	
		SureSelect QXT P5 i20	No known significant effects or critical hazards.	
		100 mM dNTP Mix	No known significant effects or critical hazards.	
		5X Herculase II Reaction Buffer	No known significant effects or critical hazards.	
		SureSelect QXT Index 2 Read Primer	No known significant effects or critical hazards.	
	<b>Eye contact</b>	:	DMSO	No known significant effects or critical hazards.
			SureSelect QXT Enzyme Mix ILM	No known significant effects or critical hazards.
		SureSelect QXT Buffer	No known significant effects or critical hazards.	
		Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.	
		SureSelect QXT Index 1 Read Primer	No known significant effects or critical hazards.	
		SureSelect QXT Read Primer 1	No known significant effects or critical hazards.	
		SureSelect QXT Read Primer 2	No known significant effects or critical hazards.	
		SureSelect QXT P7 i1	No known significant effects or critical hazards.	
		SureSelect QXT P7 i2	No known significant effects or critical hazards.	
		SureSelect QXT P7 i3	No known significant effects or critical hazards.	
		SureSelect QXT P7 i4	No known significant effects or critical hazards.	
		SureSelect QXT P7 i5	No known significant effects or critical hazards.	
		SureSelect QXT P7 i6	No known significant effects or critical hazards.	
		SureSelect QXT P7 i7	No known significant effects or critical hazards.	
		SureSelect QXT P7 i8	No known significant effects or critical hazards.	
		SureSelect QXT P7 i9	No known significant effects or critical hazards.	
		SureSelect QXT P7 i10	No known significant effects or critical hazards.	
		SureSelect QXT P7 i11	No known significant effects or critical hazards.	
		SureSelect QXT P7 i12	No known significant effects or critical hazards.	
		SureSelect QXT P5 i13	No known significant effects or critical hazards.	

## SECTION 11: Toxicological information

SureSelect QXT P5 i14	No known significant effects or critical hazards.
SureSelect QXT P5 i15	No known significant effects or critical hazards.
SureSelect QXT P5 i16	No known significant effects or critical hazards.
SureSelect QXT P5 i17	No known significant effects or critical hazards.
SureSelect QXT P5 i18	No known significant effects or critical hazards.
SureSelect QXT P5 i19	No known significant effects or critical hazards.
SureSelect QXT P5 i20	No known significant effects or critical hazards.
100 mM dNTP Mix	No known significant effects or critical hazards.
5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
SureSelect QXT Index 2 Read Primer	No known significant effects or critical hazards.

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

<b>Inhalation</b>	:	DMSO	No specific data.	
		SureSelect QXT Enzyme Mix ILM	No specific data.	
		SureSelect QXT Buffer	No specific data.	
		Herculase II Fusion DNA Polymerase	No specific data.	
		SureSelect QXT Index 1 Read Primer	No specific data.	
		SureSelect QXT Read Primer 1	No specific data.	
		SureSelect QXT Read Primer 2	No specific data.	
		SureSelect QXT P7 i1	No specific data.	
		SureSelect QXT P7 i2	No specific data.	
		SureSelect QXT P7 i3	No specific data.	
		SureSelect QXT P7 i4	No specific data.	
		SureSelect QXT P7 i5	No specific data.	
		SureSelect QXT P7 i6	No specific data.	
		SureSelect QXT P7 i7	No specific data.	
		SureSelect QXT P7 i8	No specific data.	
		SureSelect QXT P7 i9	No specific data.	
		SureSelect QXT P7 i10	No specific data.	
		SureSelect QXT P7 i11	No specific data.	
		SureSelect QXT P7 i12	No specific data.	
		SureSelect QXT P5 i13	No specific data.	
		SureSelect QXT P5 i14	No specific data.	
		SureSelect QXT P5 i15	No specific data.	
		SureSelect QXT P5 i16	No specific data.	
		SureSelect QXT P5 i17	No specific data.	
		SureSelect QXT P5 i18	No specific data.	
		SureSelect QXT P5 i19	No specific data.	
		SureSelect QXT P5 i20	No specific data.	
		100 mM dNTP Mix	No specific data.	
		5X Herculase II Reaction Buffer	No specific data.	
		SureSelect QXT Index 2 Read Primer	No specific data.	
	<b>Ingestion</b>	:	DMSO	No specific data.
			SureSelect QXT Enzyme Mix ILM	No specific data.
			SureSelect QXT Buffer	No specific data.
		Herculase II Fusion DNA Polymerase	No specific data.	
		SureSelect QXT Index 1 Read Primer	No specific data.	
		SureSelect QXT Read Primer 1	No specific data.	
		SureSelect QXT Read Primer 2	No specific data.	

## SECTION 11: Toxicological information

SureSelect QXT P7 i1	No specific data.
SureSelect QXT P7 i2	No specific data.
SureSelect QXT P7 i3	No specific data.
SureSelect QXT P7 i4	No specific data.
SureSelect QXT P7 i5	No specific data.
SureSelect QXT P7 i6	No specific data.
SureSelect QXT P7 i7	No specific data.
SureSelect QXT P7 i8	No specific data.
SureSelect QXT P7 i9	No specific data.
SureSelect QXT P7 i10	No specific data.
SureSelect QXT P7 i11	No specific data.
SureSelect QXT P7 i12	No specific data.
SureSelect QXT P5 i13	No specific data.
SureSelect QXT P5 i14	No specific data.
SureSelect QXT P5 i15	No specific data.
SureSelect QXT P5 i16	No specific data.
SureSelect QXT P5 i17	No specific data.
SureSelect QXT P5 i18	No specific data.
SureSelect QXT P5 i19	No specific data.
SureSelect QXT P5 i20	No specific data.
100 mM dNTP Mix	No specific data.
5X Herculase II Reaction Buffer	No specific data.
SureSelect QXT Index 2 Read Primer	No specific data.
<b>Skin contact</b> : DMSO	No specific data.
SureSelect QXT Enzyme Mix ILM	No specific data.
SureSelect QXT Buffer	No specific data.
Herculase II Fusion DNA Polymerase	No specific data.
SureSelect QXT Index 1 Read Primer	No specific data.
SureSelect QXT Read Primer 1	No specific data.
SureSelect QXT Read Primer 2	No specific data.
SureSelect QXT P7 i1	No specific data.
SureSelect QXT P7 i2	No specific data.
SureSelect QXT P7 i3	No specific data.
SureSelect QXT P7 i4	No specific data.
SureSelect QXT P7 i5	No specific data.
SureSelect QXT P7 i6	No specific data.
SureSelect QXT P7 i7	No specific data.
SureSelect QXT P7 i8	No specific data.
SureSelect QXT P7 i9	No specific data.
SureSelect QXT P7 i10	No specific data.
SureSelect QXT P7 i11	No specific data.
SureSelect QXT P7 i12	No specific data.
SureSelect QXT P5 i13	No specific data.
SureSelect QXT P5 i14	No specific data.
SureSelect QXT P5 i15	No specific data.
SureSelect QXT P5 i16	No specific data.
SureSelect QXT P5 i17	No specific data.
SureSelect QXT P5 i18	No specific data.
SureSelect QXT P5 i19	No specific data.
SureSelect QXT P5 i20	No specific data.
100 mM dNTP Mix	No specific data.
5X Herculase II Reaction Buffer	No specific data.
SureSelect QXT Index 2 Read Primer	No specific data.

## SECTION 11: Toxicological information

<b>Eye contact</b>	: DMSO	No specific data.
	SureSelect QXT Enzyme Mix ILM	No specific data.
	SureSelect QXT Buffer	No specific data.
	Herculase II Fusion DNA Polymerase	No specific data.
	SureSelect QXT Index 1 Read Primer	No specific data.
	SureSelect QXT Read Primer 1	No specific data.
	SureSelect QXT Read Primer 2	No specific data.
	SureSelect QXT P7 i1	No specific data.
	SureSelect QXT P7 i2	No specific data.
	SureSelect QXT P7 i3	No specific data.
	SureSelect QXT P7 i4	No specific data.
	SureSelect QXT P7 i5	No specific data.
	SureSelect QXT P7 i6	No specific data.
	SureSelect QXT P7 i7	No specific data.
	SureSelect QXT P7 i8	No specific data.
	SureSelect QXT P7 i9	No specific data.
	SureSelect QXT P7 i10	No specific data.
	SureSelect QXT P7 i11	No specific data.
	SureSelect QXT P7 i12	No specific data.
	SureSelect QXT P5 i13	No specific data.
	SureSelect QXT P5 i14	No specific data.
	SureSelect QXT P5 i15	No specific data.
	SureSelect QXT P5 i16	No specific data.
	SureSelect QXT P5 i17	No specific data.
	SureSelect QXT P5 i18	No specific data.
	SureSelect QXT P5 i19	No specific data.
	SureSelect QXT P5 i20	No specific data.
	100 mM dNTP Mix	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect QXT Index 2 Read Primer	No specific data.

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

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects

<b>General</b>	: DMSO	No known significant effects or critical hazards.
	SureSelect QXT Enzyme Mix ILM	No known significant effects or critical hazards.
	SureSelect QXT Buffer	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	SureSelect QXT Index 1 Read Primer	No known significant effects or critical hazards.
	SureSelect QXT Read Primer 1	No known significant effects or critical hazards.

## SECTION 11: Toxicological information

SureSelect QXT Read Primer 2	No known significant effects or critical hazards.
SureSelect QXT P7 i1	No known significant effects or critical hazards.
SureSelect QXT P7 i2	No known significant effects or critical hazards.
SureSelect QXT P7 i3	No known significant effects or critical hazards.
SureSelect QXT P7 i4	No known significant effects or critical hazards.
SureSelect QXT P7 i5	No known significant effects or critical hazards.
SureSelect QXT P7 i6	No known significant effects or critical hazards.
SureSelect QXT P7 i7	No known significant effects or critical hazards.
SureSelect QXT P7 i8	No known significant effects or critical hazards.
SureSelect QXT P7 i9	No known significant effects or critical hazards.
SureSelect QXT P7 i10	No known significant effects or critical hazards.
SureSelect QXT P7 i11	No known significant effects or critical hazards.
SureSelect QXT P7 i12	No known significant effects or critical hazards.
SureSelect QXT P5 i13	No known significant effects or critical hazards.
SureSelect QXT P5 i14	No known significant effects or critical hazards.
SureSelect QXT P5 i15	No known significant effects or critical hazards.
SureSelect QXT P5 i16	No known significant effects or critical hazards.
SureSelect QXT P5 i17	No known significant effects or critical hazards.
SureSelect QXT P5 i18	No known significant effects or critical hazards.
SureSelect QXT P5 i19	No known significant effects or critical hazards.
SureSelect QXT P5 i20	No known significant effects or critical hazards.
100 mM dNTP Mix	No known significant effects or critical hazards.
5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
SureSelect QXT Index 2 Read Primer	No known significant effects or critical hazards.
<b>Carcinogenicity</b> : DMSO	No known significant effects or critical hazards.
SureSelect QXT Enzyme Mix ILM	No known significant effects or critical hazards.
SureSelect QXT Buffer	No known significant effects or critical hazards.
Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
SureSelect QXT Index 1 Read Primer	No known significant effects or critical hazards.
SureSelect QXT Read Primer 1	No known significant effects or critical hazards.
SureSelect QXT Read Primer 2	No known significant effects or critical hazards.
SureSelect QXT P7 i1	No known significant effects or critical hazards.
SureSelect QXT P7 i2	No known significant effects or critical hazards.
SureSelect QXT P7 i3	No known significant effects or critical hazards.
SureSelect QXT P7 i4	No known significant effects or critical hazards.
SureSelect QXT P7 i5	No known significant effects or critical hazards.
SureSelect QXT P7 i6	No known significant effects or critical hazards.
SureSelect QXT P7 i7	No known significant effects or critical hazards.
SureSelect QXT P7 i8	No known significant effects or critical hazards.
SureSelect QXT P7 i9	No known significant effects or critical hazards.
SureSelect QXT P7 i10	No known significant effects or critical hazards.
SureSelect QXT P7 i11	No known significant effects or critical hazards.
SureSelect QXT P7 i12	No known significant effects or critical hazards.
SureSelect QXT P5 i13	No known significant effects or critical hazards.
SureSelect QXT P5 i14	No known significant effects or critical hazards.
SureSelect QXT P5 i15	No known significant effects or critical hazards.
SureSelect QXT P5 i16	No known significant effects or critical hazards.
SureSelect QXT P5 i17	No known significant effects or critical hazards.
SureSelect QXT P5 i18	No known significant effects or critical hazards.
SureSelect QXT P5 i19	No known significant effects or critical hazards.
SureSelect QXT P5 i20	No known significant effects or critical hazards.
100 mM dNTP Mix	No known significant effects or critical hazards.
5X Herculase II Reaction Buffer	No known significant effects or critical hazards.

## SECTION 11: Toxicological information

	SureSelect QXT Index 2 Read Primer	No known significant effects or critical hazards.
<b>Mutagenicity</b>	: DMSO	No known significant effects or critical hazards.
	SureSelect QXT Enzyme Mix ILM	No known significant effects or critical hazards.
	SureSelect QXT Buffer	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	SureSelect QXT Index 1 Read Primer	No known significant effects or critical hazards.
	SureSelect QXT Read Primer 1	No known significant effects or critical hazards.
	SureSelect QXT Read Primer 2	No known significant effects or critical hazards.
	SureSelect QXT P7 i1	No known significant effects or critical hazards.
	SureSelect QXT P7 i2	No known significant effects or critical hazards.
	SureSelect QXT P7 i3	No known significant effects or critical hazards.
	SureSelect QXT P7 i4	No known significant effects or critical hazards.
	SureSelect QXT P7 i5	No known significant effects or critical hazards.
	SureSelect QXT P7 i6	No known significant effects or critical hazards.
	SureSelect QXT P7 i7	No known significant effects or critical hazards.
	SureSelect QXT P7 i8	No known significant effects or critical hazards.
	SureSelect QXT P7 i9	No known significant effects or critical hazards.
	SureSelect QXT P7 i10	No known significant effects or critical hazards.
	SureSelect QXT P7 i11	No known significant effects or critical hazards.
	SureSelect QXT P7 i12	No known significant effects or critical hazards.
	SureSelect QXT P5 i13	No known significant effects or critical hazards.
	SureSelect QXT P5 i14	No known significant effects or critical hazards.
	SureSelect QXT P5 i15	No known significant effects or critical hazards.
	SureSelect QXT P5 i16	No known significant effects or critical hazards.
	SureSelect QXT P5 i17	No known significant effects or critical hazards.
	SureSelect QXT P5 i18	No known significant effects or critical hazards.
	SureSelect QXT P5 i19	No known significant effects or critical hazards.
	SureSelect QXT P5 i20	No known significant effects or critical hazards.
	100 mM dNTP Mix	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect QXT Index 2 Read Primer	No known significant effects or critical hazards.
<b>Reproductive toxicity</b>	: DMSO	No known significant effects or critical hazards.
	SureSelect QXT Enzyme Mix ILM	No known significant effects or critical hazards.
	SureSelect QXT Buffer	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	SureSelect QXT Index 1 Read Primer	No known significant effects or critical hazards.
	SureSelect QXT Read Primer 1	No known significant effects or critical hazards.
	SureSelect QXT Read Primer 2	No known significant effects or critical hazards.
	SureSelect QXT P7 i1	No known significant effects or critical hazards.
	SureSelect QXT P7 i2	No known significant effects or critical hazards.
	SureSelect QXT P7 i3	No known significant effects or critical hazards.
	SureSelect QXT P7 i4	No known significant effects or critical hazards.
	SureSelect QXT P7 i5	No known significant effects or critical hazards.
	SureSelect QXT P7 i6	No known significant effects or critical hazards.
	SureSelect QXT P7 i7	No known significant effects or critical hazards.
	SureSelect QXT P7 i8	No known significant effects or critical hazards.
	SureSelect QXT P7 i9	No known significant effects or critical hazards.
	SureSelect QXT P7 i10	No known significant effects or critical hazards.
	SureSelect QXT P7 i11	No known significant effects or critical hazards.



SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127

## SECTION 11: Toxicological information

SureSelect QXT P7 i12	No known significant effects or critical hazards.
SureSelect QXT P5 i13	No known significant effects or critical hazards.
SureSelect QXT P5 i14	No known significant effects or critical hazards.
SureSelect QXT P5 i15	No known significant effects or critical hazards.
SureSelect QXT P5 i16	No known significant effects or critical hazards.
SureSelect QXT P5 i17	No known significant effects or critical hazards.
SureSelect QXT P5 i18	No known significant effects or critical hazards.
SureSelect QXT P5 i19	No known significant effects or critical hazards.
SureSelect QXT P5 i20	No known significant effects or critical hazards.
100 mM dNTP Mix	No known significant effects or critical hazards.
5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
SureSelect QXT Index 2 Read Primer	No known significant effects or critical hazards.

## SECTION 12: Ecological information

### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
<b>DMSO</b> Dimethyl sulfoxide	Acute LC50 25000 ppm Fresh water Acute LC50 34000000 µg/l Fresh water Chronic NOEC 100 µl/L Marine water Chronic NOEC 100 µl/L Fresh water	Daphnia - Daphnia magna - Neonate Fish - Pimephales promelas Algae - Ulva lactuca Daphnia - Daphnia magna - Juvenile (Fledgling, Hatchling, Weanling)	48 hours 96 hours 72 hours 21 days
<b>5X Herculase II Reaction Buffer</b> Trometamol Ammonium sulphate	Acute EC50 >980 mg/l Fresh water Acute NOEC 520 mg/l Fresh water Chronic NOEC 7.5 mg/l Marine water	Daphnia Daphnia Algae - Phaeodactylum tricornutum - Exponential growth phase	48 hours 48 hours 96 hours
Hexadecan-1-ol, ethoxylated	Acute LC50 330000 to 1000000 µg/l Marine water	Crustaceans - Crangon crangon - Adult	48 hours

### 12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
<b>DMSO</b> Dimethyl sulfoxide	OECD 301D Ready Biodegradability - Closed Bottle Test	31 % - Not readily - 28 days	-	-
<b>5X Herculase II Reaction Buffer</b> Trometamol	OECD 301F Ready Biodegradability - Manometric Respirometry Test	97.1 % - Readily - 28 days	30 mg/l	-

SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127

## SECTION 12: Ecological information

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
<b>DMSO</b> Dimethyl sulfoxide	-	-	Not readily
<b>5X Herculase II Reaction Buffer</b> Trometamol	-	-	Readily
Ammonium sulphate	-	-	Readily
Hexadecan-1-ol, ethoxylated	-	-	Readily

### 12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
<b>DMSO</b> Dimethyl sulfoxide	-1.35	3.16	low
<b>5X Herculase II Reaction Buffer</b> Trometamol	-2.31	-	low
Ammonium sulphate	-5.1	-	low

### 12.4 Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Mobility** : Not available.

### 12.5 Results of PBT and vPvB assessment

Product/ingredient name	PBT	P	B	T	vPvB	vP	vB
<b>DMSO</b> Dimethyl sulfoxide	No	N/A	No	No	No	N/A	No

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

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

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

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

#### Packaging

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

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

SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127

## SECTION 14: Transport information

	ADR/RID	IMDG	IATA
14.1 UN number	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-
14.3 Transport hazard class(es)	-	-	-
14.4 Packing group	-	-	-
14.5 Environmental hazards	No.	No.	No.

### Additional information

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

**14.7 Transport in bulk according to IMO instruments** : Not available.

## SECTION 15: Regulatory information

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

[Annex XIV - List of substances subject to authorisation](#)

### [Annex XIV](#)

None of the components are listed.

### [Substances of very high concern](#)

None of the components are listed.

[Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles](#)

Ingredient name	EC number	CAS number	Restriction
5X Herculase II Reaction Buffer ammonium sulphate	231-984-1	7783-20-2	65

**Label**

: DMSO	Not applicable.
SureSelect QXT Enzyme Mix	Not applicable.
ILM	
SureSelect QXT Buffer	Not applicable.
Herculase II Fusion DNA Polymerase	Not applicable.
SureSelect QXT Index 1	Not applicable.
Read Primer	
SureSelect QXT Read Primer 1	Not applicable.
SureSelect QXT Read Primer 2	Not applicable.
SureSelect QXT P7 i1	Not applicable.
SureSelect QXT P7 i2	Not applicable.
SureSelect QXT P7 i3	Not applicable.
SureSelect QXT P7 i4	Not applicable.

## SECTION 15: Regulatory information

SureSelect QXT P7 i5	Not applicable.
SureSelect QXT P7 i6	Not applicable.
SureSelect QXT P7 i7	Not applicable.
SureSelect QXT P7 i8	Not applicable.
SureSelect QXT P7 i9	Not applicable.
SureSelect QXT P7 i10	Not applicable.
SureSelect QXT P7 i11	Not applicable.
SureSelect QXT P7 i12	Not applicable.
SureSelect QXT P5 i13	Not applicable.
SureSelect QXT P5 i14	Not applicable.
SureSelect QXT P5 i15	Not applicable.
SureSelect QXT P5 i16	Not applicable.
SureSelect QXT P5 i17	Not applicable.
SureSelect QXT P5 i18	Not applicable.
SureSelect QXT P5 i19	Not applicable.
SureSelect QXT P5 i20	Not applicable.
100 mM dNTP Mix	Not applicable.
5X Herculase II Reaction Buffer	Not applicable.
SureSelect QXT Index 2 Read Primer	Not applicable.

### Other EU regulations

**Industrial emissions (integrated pollution prevention and control) - Air** : Listed

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

Not listed.

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

Not listed.

### Persistent Organic Pollutants

Not listed.

### Seveso Directive

This product is not controlled under the Seveso Directive.

### International regulations

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

Not listed.

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### Inventory list

**Australia** : Not determined.  
**Canada** : Not determined.  
**China** : Not determined.  
**Europe** : Not determined.

SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127

## SECTION 15: Regulatory information

<b>Japan</b>	: Japan inventory (CSCL): Not determined. Japan inventory (ISHL): Not determined.
<b>New Zealand</b>	: Not determined.
<b>Philippines</b>	: Not determined.
<b>Republic of Korea</b>	: Not determined.
<b>Taiwan</b>	: All components are listed or exempted.
<b>Thailand</b>	: Not determined.
<b>Turkey</b>	: Not determined.
<b>United States</b>	: Not determined.
<b>Viet Nam</b>	: Not determined.

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

## SECTION 16: Other information

Indicates information that has changed from previously issued version.

**Abbreviations and acronyms** :

- ATE = Acute Toxicity Estimate
- CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
- DMEL = Derived Minimal Effect Level
- DNEL = Derived No Effect Level
- EUH statement = CLP-specific Hazard statement
- N/A = Not available
- PBT = Persistent, Bioaccumulative and Toxic
- PNEC = Predicted No Effect Concentration
- RRN = REACH Registration Number
- vPvB = Very Persistent and Very Bioaccumulative

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

Classification	Justification
Not classified.	

### Full text of abbreviated H statements

<b>5X Herculase II Reaction Buffer</b> H315 H319 H411	Causes skin irritation. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.
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### Full text of classifications [CLP/GHS]

<b>5X Herculase II Reaction Buffer</b> Aquatic Chronic 2 Eye Irrit. 2 Skin Irrit. 2	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 SKIN CORROSION/IRRITATION - Category 2
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**Date of issue/ Date of revision** : 18/04/2022

**Date of previous issue** : No previous validation

**Version** : 1

#### Notice to reader

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