# **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		
Product name	: SureSelect QXT Library F	rep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127
CAS number	: 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	Not applicable.
	Primer 1	
	SureSelect QXT Read	Not applicable.
	Primer 2	Netennieskie
	SureSelect QXT P7 i1	Not applicable.
	SureSelect QXT P7 i2 SureSelect QXT P7 i3	Not applicable.
	SureSelect QXT P7 is	Not applicable. 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.
Part no. (chemical kit)	: 5500-0127	
Part no.	: DMSO	600260-53
rattio.	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	5190-7949
	Primer 1	
	SureSelect QXT Read	5190-7056
	Primer 2	
	SureSelect QXT P7 i1	5190-7061
	SureSelect QXT P7 i2	5190-7062
	SureSelect QXT P7 i3	5190-7063
	SureSelect QXT P7 i4	5190-7064

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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	600675-52
Buffer	
SureSelect QXT Index 2	5191-4064
Read Primer	

Material uses	: Analytical reagent.	
	DMSO	1 ml
	SureSelect QXT Enzyme Mix ILM	0.3 ml (96 read
	SureSelect QXT Buffer	2.6 ml (96 read
	Herculase II Fusion DNA Polymerase	0.31 mÌ (192 re
	Cure Calent OVT Index 1 Dead Drive ar	

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

actions) actions) reactions) 2.4 ml (96 reactions) SureSelect QXT Index 1 Read Primer 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) 0.04 ml (96 reactions) SureSelect QXT P7 i3 0.04 ml (96 reactions) SureSelect QXT P7 i4 SureSelect QXT P7 i5 0.04 ml (96 reactions) 0.04 ml (96 reactions) SureSelect QXT P7 i6 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) 0.04 ml (96 reactions) SureSelect QXT P7 i11 0.04 ml (96 reactions) SureSelect QXT P7 i12 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) 0.35 ml (32 reactions) 5X Herculase II Reaction Buffer 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 : pdl-msds\_author@agilent.com responsible for this SDS

#### 1.4 Emergency telephone number

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

#### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture **Product definition** : DMSO Mono-constituent substance SureSelect QXT Enzyme Mixture Mix ILM SureSelect QXT Buffer Mixture Herculase II Fusion DNA Mixture Polvmerase SureSelect QXT Index 1 Mixture Read Primer SureSelect QXT Read Mixture Primer 1 SureSelect QXT Read Mixture Primer 2 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 Mixture Buffer SureSelect QXT Index 2 Mixture Read Primer

<u>Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]</u> Not classified.

### **SECTION 2: Hazards identification**

Ingredients of unknown	: SureSelect QXT Enzyme	Percentage of the mixture consisting of ingredient(s) of
toxicity	Mix ILM	unknown acute dermal toxicity: 1 - 10%
		Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 30 - 60%
	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%
		Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 1 - 10%
		Percentage of the mixture consisting of ingredient(s) of unknown acute oral toxicity: 1 - 10%
	5X Herculase II Reaction Buffer	Percentage of the mixture consisting of ingredient(s) of unknown acute dermal toxicity: 1 - 10%
		Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 1 - 10%
Ingredients of unknown ecotoxicity	: 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

Signal word	: DMSO	No signal word.
Signal word	SureSelect QXT Enzyme	No signal word.
	Mix ILM	
	SureSelect QXT Buffer	No signal word.
	Herculase II Fusion DNA	No signal word.
	Polymerase	No signal word.
	SureSelect QXT Index 1	No signal word.
	Read Primer	No olghar Moral
	SureSelect QXT Read	No signal word.
	Primer 1	
	SureSelect QXT Read	No signal word.
	Primer 2	5
	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
		No signal word.
Date of issue/Date of revision	: 18/04/2022 Date of previous	<i>issue</i> : No previous validation

	Deed Drive er	
	Read Primer	
Hazard statements :	DMSO	No known significant effects or critical hazards.
	SureSelect QXT Enzyme	No known significant effects or critical hazards.
	Mix ILM	No known aignificant affacta ar aritical bazarda
	SureSelect QXT Buffer Herculase II Fusion DNA	No known significant effects or critical hazards.
		No known significant effects or critical hazards.
	Polymerase SureSelect QXT Index 1	No known significant offects or critical bazards
	Read Primer	No known significant effects or critical hazards.
	SureSelect QXT Read	No known significant effects or critical hazards.
	Primer 1	No known significant enects of childa hazards.
	SureSelect QXT Read	No known significant effects or critical hazards.
	Primer 2	No known significant cheets of childar 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	No known significant effects or critical hazards.
	Buffer	
	SureSelect QXT Index 2	No known significant effects or critical hazards.
	Read Primer	
Precautionary statements		
	DMSO	Not applicable.
	SureSelect QXT Enzyme	Not applicable.
	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	Not applicable.
	Primer 1	
	SureSelect QXT Read	Not applicable.
	Primer 2	
	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.

Date of issue/Date of revision	: 18/04/2022 Date of previous	issue : No previous validation
	SureSelect QXT Read Primer 2	Not applicable.
	SureSelect QXT Read Primer 1	Not applicable.
	Read Primer	
	Polymerase SureSelect QXT Index 1	Not applicable.
	Herculase II Fusion DNA	Not applicable.
	SureSelect QXT Buffer	Not applicable.
	Mix ILM	i voi applicanie.
Storage	: DMSO SureSelect QXT Enzyme	Not applicable. Not applicable.
Storage	Read Primer	Not applicable
	SureSelect QXT Index 2	Not applicable.
	Buffer	
	5X Herculase II Reaction	Not applicable.
	SureSelect QXT P5 i20 100 mM dNTP Mix	Not applicable. Not applicable.
	SureSelect QXT P5 i19	Not applicable.
	SureSelect QXT P5 i18	Not applicable.
	SureSelect QXT P5 i17	Not applicable.
	SureSelect QXT P5 i16	Not applicable.
	SureSelect QXT P5 i15	Not applicable.
	SureSelect QXT P5 i13 SureSelect QXT P5 i14	Not applicable. Not applicable.
	SureSelect QXT P7 i12	Not applicable.
	SureSelect QXT P7 i11	Not applicable.
	SureSelect QXT P7 i10	Not applicable.
	SureSelect QXT P7 i9	Not applicable.
	SureSelect QXT P7 i8	Not applicable.
	SureSelect QXT P7 i6 SureSelect QXT P7 i7	Not applicable. Not applicable.
	SureSelect QXT P7 i5 SureSelect QXT P7 i6	Not applicable.
	SureSelect QXT P7 i4	Not applicable.
	SureSelect QXT P7 i3	Not applicable.
	SureSelect QXT P7 i2	Not applicable.
	SureSelect QXT P7 i1	Not applicable.
	Primer 2	Not applicable.
	Primer 1 SureSelect QXT Read	Not applicable
	SureSelect QXT Read	Not applicable.
	Read Primer	
	SureSelect QXT Index 1	Not applicable.
	Herculase II Fusion DNA Polymerase	Not applicable.
	SureSelect QXT Buffer	Not applicable.
	Mix ILM	
Roopondo	SureSelect QXT Enzyme	Not applicable.
Response	: DMSO	Not applicable.
	SureSelect QXT Index 2 Read Primer	Not applicable.
	Buffer	Not applicable
	5X Herculase II Reaction	Not applicable.
	100 mM dNTP Mix	Not applicable.
	SureSelect QXT P5 i20	Not applicable.
	SureSelect QXT P5 i19	Not applicable. Not applicable.
	SureSelect QXT P5 i17 SureSelect QXT P5 i18	Not applicable.
	SureSelect QXT P5 i16	Not applicable.
	SureSelect QXT P5 i15	Not applicable.
	SureSelect QXT P5 i14	Not applicable.
	SureSelect QXT P5 i13	Not applicable.
	SureSelect QXT P7 i12	Not applicable.
1		

	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	Not applicable.
	Buffer	
	SureSelect QXT Index 2	Not applicable.
	Read Primer	
Disposal :	DMSO	Not applicable.
	SureSelect QXT Enzyme	Not applicable.
	Mix ILM	
		Netensieshie
	SureSelect QXT Buffer	Not applicable.
	Herculase II Fusion DNA	Not applicable.
	Polymerase	
	SureSelect QXT Index 1	Not applicable
		Not applicable.
	Read Primer	
	SureSelect QXT Read	Not applicable.
	Primer 1	
		Net englische
	SureSelect QXT Read	Not applicable.
	Primer 2	
	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	Not applicable.
	Buffer	•••
	SureSelect QXT Index 2	Not applicable.
		not applicable.
	Read Primer	

Hazardous ingredients	: 5X Herculase II Reaction Buffer	Not applicable.
Supplemental label	: DMSO	Not applicable.
elements	SureSelect QXT Enzyme Mix ILM	Not applicable.
	SureSelect QXT Buffer	Not applicable.
	Herculase II Fusion DNA	Not applicable.
	Polymerase	Not applicable.
	SureSelect QXT Index 1	Not applicable.
	Read Primer	Not applicable.
	SureSelect QXT Read	Not applicable.
	Primer 1	
	SureSelect QXT Read	Not applicable.
	Primer 2	
	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 SureSelect QXT P7 i9	Not applicable. 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 SureSelect QXT P5 i20	Not applicable. Not applicable.
	100 mM dNTP Mix	Not applicable.
	5X Herculase II Reaction	Safety data sheet available on request.
	Buffer SureSelect QXT Index 2	Not applicable.
	Read Primer	
Annex XVII - Restrictions	: DMSO	Not applicable.
on the manufacture, placing on the market	SureSelect QXT Enzyme Mix ILM	Not applicable.
and use of certain	SureSelect QXT Buffer	Not applicable.
dangerous substances, mixtures and articles	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 SureSelect QXT P7 i10	Not applicable.
	SureSelect QXT P7 110 SureSelect QXT P7 i11	Not applicable. Not applicable.
	SureSelect QXT P7 i12	Not applicable.
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### **SECTION 2: Hazards identification**

	SureSelect QXT P5 i13 SureSelect QXT P5 i14 SureSelect QXT P5 i15 SureSelect QXT P5 i16 SureSelect QXT P5 i17 SureSelect QXT P5 i18 SureSelect QXT P5 i19 SureSelect QXT P5 i20 100 mM dNTP Mix 5X Herculase II Reaction Buffer SureSelect QXT Index 2 Read Primer	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
Special packaging requirement	ents	
Tactile warning of :	DMSO	Not applicable.
danger	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 SureSelect QXT P5 i19	Not applicable.
	SureSelect QXT P5 i20	Not applicable. Not applicable.
	100 mM dNTP Mix	Not applicable.
	5X Herculase II Reaction	Not applicable.
	Buffer 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

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PBT	Р	В	Т	vPvB	vP	vB	
DMSO No	N/A	No	No	No	N/A	No	

-	This mixture does not contain any substances that are
Mix ILM	assessed to be a PBT or a vPvB.
SureSelect QXT Buffer	This mixture does not contain any substances that are
Horoulaso II Eusion DNA	assessed to be a PBT or a vPvB.
Polymerase	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
SureSelect QXT Index 1	This mixture does not contain any substances that are
Read Primer	assessed to be a PBT or a vPvB.
SureSelect QXT Read	This mixture does not contain any substances that are
Primer 1	assessed to be a PBT or a vPvB.
SureSelect QXT Read	This mixture does not contain any substances that are
Primer 2	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
Cure Cale at OVT D7 14	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
SureSelect QXT P7 i11	assessed to be a PBT or a vPvB. 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
SureSelect QXT P5 i17	assessed to be a PBT or a vPvB.
Suleselect QAT F3117	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.
	This mixture does not contain any substances that are
Buffer	assessed to be a PBT or a vPvB.
Read Primer	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Neau F IIIIEI	

#### **SECTION 2: Hazards identification**

Other hazards which do	1	DMSO	None known.
not result in		SureSelect QXT Enzyme	None known.
classification		Mix ILM	
		SureSelect QXT Buffer	None known.
		Herculase II Fusion DNA	None known.
		Polymerase	
		SureSelect QXT Index 1	None known.
		Read Primer	
		SureSelect QXT Read	None known.
		Primer 1	<b>N</b> 1 1
		SureSelect QXT Read	None known.
		Primer 2	<b>N</b> 1 1
		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. None known.
		SureSelect QXT P7 i9	None known.
		SureSelect QXT P7 i10 SureSelect QXT P7 i11	None known.
		SureSelect QXT P7 i12	None known.
		SureSelect QXT P7 112 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	None known.
		Buffer	
		SureSelect QXT Index 2	None known.
		Read Primer	

### **SECTION 3: Composition/information on ingredients**

3.1 Substances	: DMSO	Mono-constituent substance	
	SureSelect QXT Enzyme Mix ILM	Mixture	
	SureSelect QXT Buffer	Mixture	
	Herculase II Fusion DNA	Mixture	
	Polymerase		
	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	
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SECTION 3: Composition	n/information on ing	redients		
Sure Sure Sure 100 5X F	eSelect QXT P5 i16 eSelect QXT P5 i17 eSelect QXT P5 i18 eSelect QXT P5 i19 eSelect QXT P5 i20 mM dNTP Mix Herculase II Reaction Buffer eSelect QXT Index 2 Read her	Mixture Mixture Mixture Mixture Mixture Mixture Mixture		
Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Туре
<b>DMSO</b> Dimethyl sulfoxide	EC: 200-664-3 CAS: 67-68-5	100	Not classified.	[A]
SureSelect QXT Enzyme Mix ILM Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥25 - ≤50	Not classified.	[2]
SureSelect QXT Buffer Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	[2]
Herculase II Fusion DNA Polymerase 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 Ammonium sulphate	EC: 201-064-4 CAS: 77-86-1 EC: 231-984-1	≤3 ≤3	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Eye Irrit. 2, H319	[1] [1]
Hexadecan-1-ol, ethoxylated	CAS: 7783-20-2 EC: 500-014-1 CAS: 9004-95-9	<2.5	Aquatic Chronic 2, H411 See Section 16 for the full text of the H statements declared above.	[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.

Туре

[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 Eye contact Immediately flush eyes with plenty of water, occasionally : DMSO lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. SureSelect QXT Enzyme Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove Mix ILM 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 Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove Polymerase any contact lenses. Get medical attention if irritation occurs. SureSelect QXT Index 1 Immediately flush eyes with plenty of water, occasionally Read Primer lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. SureSelect QXT Read Immediately flush eyes with plenty of water, occasionally Primer 1 lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. SureSelect QXT Read Immediately flush eyes with plenty of water, occasionally Primer 2 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

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320110N 4.1115t al	lu measures	
		lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureSelect QXT P5 i15	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
	SureSelect QXT P5 i17	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
	SureSelect QXT P5 i18	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
	SureSelect QXT P5 i19	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 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.
Inhalation	: 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
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	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.
Sure Sale at OVT D7 i0	
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
Suleselect QAT F3113	
	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	
SureSelect QAT P5110	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
Surecelect QAT 1 5 120	
	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	Remove victim to fresh air and keep at rest in a position
Buffer	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	Remove victim to fresh air and keep at rest in a position
Read Primer	comfortable for breathing. Get medical attention if
	symptoms occur.

	medsures	
Skin contact	: DMSO	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if
	SureSelect QXT Enzyme Mix ILM	symptoms occur. 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.
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SECTION 4. FII'ST alu	lliedSuleS	
	SureSelect QXT P5 i15	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if
	SureSelect QXT P5 i16	symptoms occur. 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
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	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
SureSelect QXT P7 i2	symptoms occur. Wash out mouth with water. If material has been swallowed
	and the exposed person is conscious, give small quantities
	of water to drink. Do not induce vomiting unless directed to
	do so by medical personnel. Get medical attention if
	symptoms occur.
SureSelect 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
SureSelect QXT P7 i6	symptoms occur. Wash out mouth with water. If material has been swallowed
	and the exposed person is conscious, give small quantities
	of water to drink. Do not induce vomiting unless directed to
	do so by medical personnel. Get medical attention if
	symptoms occur.
SureSelect 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
SureSelect QXT P7 i11	symptoms occur. Wash out mouth with water. If material has been swallowed
	and the exposed person is conscious, give small quantities
	of water to drink. Do not induce vomiting unless directed to
	do so by medical personnel. Get medical attention if
	symptoms occur.
SureSelect 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

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#### **SECTION 4: First aid measures**

SECTION 4: First aid	measures	
	SureSelect QXT P5 i14	symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if
	SureSelect QXT P5 i15	symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if
	SureSelect QXT P5 i16	symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	SureSelect 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.
Protection of first-aiders	: DMSO	No action shall be taken involving any personal risk or without suitable training.
	SureSelect QXT Enzyme	No action shall be taken involving any personal risk or
	Mix ILM SureSelect QXT Buffer	without suitable training. No action shall be taken involving any personal risk or without suitable training
	Herculase II Fusion DNA	without suitable training. No action shall be taken involving any personal risk or
	Polymerase SureSelect QXT Index 1	without suitable training. No action shall be taken involving any personal risk or
	Read Primer SureSelect QXT Read Primer 1	without suitable training. No action shall be taken involving any personal risk or without suitable training.
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#### **SECTION 4: First aid measures**

SECTION 4.1113	t alu measures	
	SureSelect QXT Read	No action shall be taken involving any personal risk or
	Primer 2	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
	SureSelect QXT P5 i20	without suitable training.
	Sureselect QAT PS 120	No action shall be taken involving any personal risk or without quitable training
	100 mM dNTP Mix	without suitable training. No action shall be taken involving any personal risk or
	5X Herculase II Reaction	without suitable training. No action shall be taken involving any personal risk or
	Buffer	
	SureSelect QXT Index 2	without suitable training. No action shall be taken involving any personal risk or
	Read Primer	without suitable training.
4.2 Most important syn	nptoms and effects, both acute a	ind delayed
Potential acute health	effects	
Eye contact	: DMSO	No known significant effects or critical hazards.
	· -···	

Eye contact	: DMSO SureSelect QXT Enzyme Mix ILM SureSelect QXT Buffer Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
	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.

	Duine a	
	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	No known significant effects or critical hazards.
	Buffer	
	SureSelect QXT Index 2	No known significant effects or critical hazards.
	Read Primer	
Inhalation	: DMSO	No known significant effects or critical hazards.
	SureSelect QXT Enzyme	No known significant effects or critical hazards.
	Mix ILM	5
	SureSelect QXT Buffer	No known significant effects or critical hazards.
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	5
		No known cignificant offects or critical becaude
	SureSelect QXT Index 1	No known significant effects or critical hazards.
	Read Primer	
	SureSelect QXT Read	No known significant effects or critical hazards.
	Primer 1	
	SureSelect QXT Read	No known significant effects or critical hazards.
	Primer 2	
	SureSelect QXT P7 i1	No known significant effects or critical hazards.
		0
	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.
		No known significant effects or critical hazards.
	SureSelect OXT P5 i18	
	SureSelect QXT P5 i18	
	SureSelect QXT P5 i19	No known significant effects or critical hazards.
	SureSelect QXT P5 i19 SureSelect QXT P5 i20	No known significant effects or critical hazards. No known significant effects or critical hazards.
	SureSelect QXT P5 i19 SureSelect QXT P5 i20 100 mM dNTP Mix	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
	SureSelect QXT P5 i19 SureSelect QXT P5 i20 100 mM dNTP Mix 5X Herculase II Reaction	No known significant effects or critical hazards. No known significant effects or critical hazards.
	SureSelect QXT P5 i19 SureSelect QXT P5 i20 100 mM dNTP Mix	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
	SureSelect QXT P5 i19 SureSelect QXT P5 i20 100 mM dNTP Mix 5X Herculase II Reaction Buffer	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
	SureSelect QXT P5 i19 SureSelect QXT P5 i20 100 mM dNTP Mix 5X Herculase II Reaction Buffer SureSelect QXT Index 2	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
	SureSelect QXT P5 i19 SureSelect QXT P5 i20 100 mM dNTP Mix 5X Herculase II Reaction Buffer	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.

#### **SECTION 4: First aid measures**

Date of issue/Date of revision

SECTION 4. FIISL diu		No known cignificant offects on without homored
Skin contact	: 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	No known significant effects or critical hazards.
	Polymerase	No known significant checis of childa hazards.
	SureSelect QXT Index 1	No known significant effects or critical hazards.
	Read Primer	
	SureSelect QXT Read	No known significant effects or critical hazards.
	Primer 1	······································
	SureSelect QXT Read	No known significant effects or critical hazards.
	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 SureSelect QXT P7 i11	No known significant effects or critical hazards.
	SureSelect QXT P7 i12	No known significant effects or critical hazards. 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	No known significant effects or critical hazards.
	Buffer	
	SureSelect QXT Index 2	No known significant effects or critical hazards.
	Read Primer	
Ingestion	DMSO	No known significant effects or critical hazards.
	SureSelect QXT Enzyme	No known significant effects or critical hazards.
	Mix ILM	
	SureSelect QXT Buffer	No known significant effects or critical hazards.
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	
	SureSelect QXT Index 1	No known significant effects or critical hazards.
	Read Primer SureSelect QXT Read	No known aignificant offects or critical bezorde
	Primer 1	No known significant effects or critical hazards.
	SureSelect QXT Read	No known significant effects or critical hazards.
	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.

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#### **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	No known significant effects or critical hazards.
	Buffer	No known oignificant offects or critical because
	SureSelect QXT Index 2 Read Primer	No known significant effects or critical hazards.
<u>Over-exposure signs/sym</u>	<u>ptoms</u>	
Eye contact	: DMSO	No specific data.
	SureSelect QXT Enzyme	No specific data.
	Mix ILM	
	SureSelect QXT Buffer	No specific data.
	Herculase II Fusion DNA	No specific data.
	Polymerase	
	SureSelect QXT Index 1	No specific data.
	Read Primer	
	SureSelect QXT Read	No specific data.
	Primer 1	No en está este
	SureSelect QXT Read	No specific data.
	Primer 2	No exectific data
	SureSelect QXT P7 i1	No specific data.
	SureSelect QXT P7 i2 SureSelect QXT P7 i3	No specific data. No specific data.
	SureSelect QXT P7 i3	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	
Inhalation	: DMSO	No specific data.
	SureSelect QXT Enzyme	No specific data.
	Mix ILM	
	SureSelect QXT Buffer	No specific data.
	Herculase II Fusion DNA	No specific data.
	Polymerase	
	SureSelect QXT Index 1	No specific data.
	Read Primer	
	SureSelect QXT Read	No specific data.
	Primer 1	No apositio data
	SureSelect QXT Read	No specific data.
	Primer 2 SureSelect QXT P7 i1	No specific data.
		ויט שרטווט עמומ.

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	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	··· · · · · · · · · · · · · · · · · ·
Skin contact :	DMSO	No specific data.
	SureSelect QXT Enzyme	No specific data.
	Mix ILM	1
	SureSelect QXT Buffer	No specific data.
		•
	Herculase II Fusion DNA	No specific data.
	Polymerase	
	SureSelect QXT Index 1	No specific data.
	Read Primer	•
	SureSelect QXT Read	No specific data.
		No specific data.
	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.
		No specific data.
	SureSelect QXT P5 i17	•
	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.
		No specillo dala.
	Buffer	
	SureSelect QXT Index 2	No specific data.
	Read Primer	

#### **SECTION 4: First aid measures**

Ingestion :	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.
4.2 Indication of any immedia	to modical attention and a	nacial tractment needed

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

SureSelect QXT Enzyme Mix ILM SureSelect QXT Buffer Herculase II Fusion DNA Polymerase SureSelect QXT Index 1 Read Primer SureSelect QXT Read Primer 1 SureSelect QXT Read Primer 2 SureSelect QXT P7 i1	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist 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 Read Primer 1	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Primer 2	immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist
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

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

	SureSelect QXT P7 i12	No specific treatment.
	SureSelect QXT P7 i10 SureSelect QXT P7 i11	No specific treatment. No specific treatment.
	SureSelect QXT P7 i9	No specific treatment.
	SureSelect QXT P7 i8	No specific treatment.
	SureSelect QXT P7 i7	No specific treatment.
	SureSelect QXT P7 i5 SureSelect QXT P7 i6	No specific treatment. No specific treatment.
	SureSelect QXT P7 i4	No specific treatment.
	SureSelect QXT P7 i3	No specific treatment.
	SureSelect QXT P7 i2	No specific treatment.
	SureSelect QXT P7 i1	No specific treatment.
	SureSelect QXT Read Primer 2	No specific treatment.
	Primer 1	
	Read Primer SureSelect QXT Read	No specific treatment.
	SureSelect QXT Index 1	No specific treatment.
	Herculase II Fusion DNA Polymerase	No specific treatment.
	SureSelect QXT Buffer	No specific treatment.
	SureSelect QXT Enzyme Mix ILM	No specific treatment.
Specific treatments	: DMSO	No specific treatment.
	Read Primer	immediately if large quantities have been ingested or inhaled.
	SureSelect QXT Index 2	to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist
	Buffer	symptoms may be delayed. The exposed person may need
	5X Herculase II Reaction	In case of inhalation of decomposition products in a fire,
		to be kept under medical surveillance for 48 hours.
	100 mM dNTP Mix	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need
		immediately if large quantities have been ingested or inhaled.
	SureSelect QXT P5 i20	immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist
	SureSelect QXT P5 i19	Treat symptomatically. Contact poison treatment specialist
	SureSelect QXT P5 i18	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	SuraSalaat OVT DE :40	immediately if large quantities have been ingested or inhaled.
	SureSelect QXT P5 i17	Treat symptomatically. Contact poison treatment specialist
	SureSelect QXT P5 i16	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		immediately if large quantities have been ingested or inhaled.
	SureSelect QXT P5 i15	immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist
	SureSelect QXT P5 i14	Treat symptomatically. Contact poison treatment specialist
	SureSelect QXT P5 i13	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		immediately if large quantities have been ingested or inhaled.
	SureSelect QXT P7 i12	immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist
	SureSelect QXT P7 i11	Treat symptomatically. Contact poison treatment specialist
	SureSelect QXT P7 i10	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
		immediately if large quantities have been ingested or inhaled.
	SureSelect QXT P7 i9	immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist
	SureSelect QXT P7 i8	Treat symptomatically. Contact poison treatment specialist
		immediately if large quantities have been ingested or inhaled.
	SureSelect QXT P7 i7	immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist
	SureSelect QXT P7 i6	Treat symptomatically. Contact poison treatment specialist
		immediately if large quantities have been ingested or inhaled

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

### **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	No specific treatment.
Buffer	
SureSelect QXT Index 2	No specific treatment.
Read Primer	

## **SECTION 5: Firefighting measures**

5.1 Extinguishing media		
Suitable extinguishing media	: DMSO SureSelect QXT	Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the surrounding fire.
	Enzyme Mix ILM SureSelect QXT Buffer	Use an extinguishing agent suitable for the surrounding fire.
		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	Use an extinguishing agent suitable for the surrounding fire.
	Reaction Buffer	Use an extinguishing agent suitable for the surrounding fire.
	Read Primer	Use an extinguishing agent suitable for the surrounding life.
Unsuitable extinguishing	: DMSO	None known.
media	SureSelect QXT Enzyme Mix ILM	None known.
	SureSelect QXT Buffer	None known.
	Herculase II Fusion DNA	None known.
	Polymerase	
	SureSelect QXT Index 1	None known.
	Read Primer SureSelect QXT Read	None known.
Dete of incurs/Dete of multi-		
Date of issue/Date of revision	: 18/04/2022 Date of previou	s issue : No previous validation Version : 1 27/93

## **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

5.2 Special nazarus ansing	inom the substance of mixtu	
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
	Enzyme Mix ILM	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	In a fire or if heated, a pressure increase will occur and the
	Polymerase	container may burst.
	SureSelect QXT Index 1	In a fire or if heated, a pressure increase will occur and the
	Read Primer	container may burst.
	SureSelect QXT Read	In a fire or if heated, a pressure increase will occur and the
	Primer 1	container may burst.
	SureSelect QXT Read	In a fire or if heated, a pressure increase will occur and the
	Primer 2	container may burst.
	SureSelect QXT P7 i1	In a fire or if heated, a pressure increase will occur and the
	Sure Cale at OVT D7 i0	container may burst.
	SureSelect QXT P7 i2	In a fire or if heated, a pressure increase will occur and the
	SureSelect QXT P7 i3	container may burst. In a fire or if heated, a pressure increase will occur and the
	Sureselect QAT F7 15	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.

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### **SECTION 5: Firefighting measures**

SECTION 5. Thengin	ing 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	In a fire or if heated, a pressure increase will occur and the
	Reaction Buffer	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.
Hazardous combustion :	DMSO	Decomposition products may include the following materials:
products	DINIGO	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
	Herculase II Fusion DNA	carbon monoxide Decomposition products may include the following materials:
	Polymerase	
		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 SureSelect QXT P7 i8	No specific data. No specific data.
	SureSelect QXT P7 i8	No specific data.
	SureSelect QXT P7 i10	No specific data.
	SureSelect QXT P7 i11	No specific data.
	SureSelect QXT P7 i12	No specific data.
Date of issue/Date of revision	: 18/04/2022 Date of previous	s issue : No previous validation Version : 1 29/93

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### **SECTION 5: Firefighting measures**

	inting incustores	
	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	Decomposition products may include the following materials:
	Reaction Buffer	
		carbon dioxide
		carbon monoxide
		nitrogen oxides
		sulfur oxides metal oxide/oxides
	SureSelect QXT Index 2	No specific data.
	Read Primer	
5.3 Advice for firefighters		
Special precautions for	: DMSO	Promptly isolate the scene by removing all persons from the
fire-fighters		vicinity of the incident if there is a fire. No action shall be
		taken involving any personal risk or without suitable training.
	SureSelect QXT	Promptly isolate the scene by removing all persons from the
	Enzyme Mix ILM	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
	Herculase II Fusion DNA	taken involving any personal risk or without suitable training.
	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	Promptly isolate the scene by removing all persons from the
	Read Primer	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	Promptly isolate the scene by removing all persons from the
	Primer 1	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	Promptly isolate the scene by removing all persons from the
	Primer 2	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
	SureSelect QXT P7 i2	taken involving any personal risk or without suitable training.
	Sureselect QAT P7 12	Promptly isolate the scene by removing all persons from the
		vicinity of the incident if there is a fire. No action shall be
	SureSelect QXT P7 i3	taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the
	Sureselect QXT 1713	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
		,

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#### **SECTION 5: Firefighting measures**

enginning 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		
SureSelect QXT P7 i8	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		
SureSelect QXT P7 i9	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 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		
SureSelect QXT P7 i12	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		
SureSelect QXT P5 i13	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 P5 i14	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 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.		
: 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)		

**Special protective** equipment for fire-

fighters

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#### **SECTION 5: Firefighting measures**

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

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### **SECTION 5: Firefighting measures**

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

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### **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
SureSelect QXT P7 i9	appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering.

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### **SECTION 6: Accidental release measures**

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

Buffer without suitable training. Evacuate surrounding a Keep unnecessary and unprotected personnel fro	
SureSelect QXT Index 2 Read Primer SureSelect QXT Index 2 Read Primer SureSelect QXT Index 2 Read Primer Read Primer Read Primer Read Primer SureSelect QXT Index 2 Read Primer SureSelect QXT	n sk or reas. m entering.
For emergency : DMSO If specialised clothing is required to deal with the take note of any information in Section 8 on suital unsuitable materials. See also the information in emergency personnel".	ble and
SureSelect QXT Enzyme Mix ILM Mix ILM SureSelect QXT Enzyme Mix ILM SureSelect QXT Enzyme Mix ILM SureSelect QXT Enzyme SureSelect SureSelect S	ble and
SureSelect QXT Buffer If specialised clothing is required to deal with the take note of any information in Section 8 on suital unsuitable materials. See also the information in emergency personnel".	ble and
Herculase II Fusion DNA Polymerase II Fusion DNA If specialised clothing is required to deal with the take note of any information in Section 8 on suital unsuitable materials. See also the information in	ble and
emergency personnel". SureSelect QXT Index 1 Read Primer If specialised clothing is required to deal with the take note of any information in Section 8 on suital unsuitable materials. See also the information in	ble and
emergency personnel". SureSelect QXT Read Primer 1 If specialised clothing is required to deal with the take note of any information in Section 8 on suital unsuitable materials. See also the information in	ble and
emergency personnel". SureSelect QXT Read Primer 2 If specialised clothing is required to deal with the take note of any information in Section 8 on suital unsuitable materials. See also the information in omorganes, personnel".	ble and
emergency personnel". SureSelect QXT P7 i1 If specialised clothing is required to deal with the take note of any information in Section 8 on suital unsuitable materials. See also the information in omorgoney personnel".	ble and
emergency personnel". SureSelect QXT P7 i2 If specialised clothing is required to deal with the take note of any information in Section 8 on suital unsuitable materials. See also the information in	ble and
emergency personnel". SureSelect QXT P7 i3 If specialised clothing is required to deal with the take note of any information in Section 8 on suital unsuitable materials. See also the information in emergency personnel".	ble and
SureSelect QXT P7 i4 If specialised clothing is required to deal with the take note of any information in Section 8 on suital unsuitable materials. See also the information in	ble and
emergency personnel". SureSelect QXT P7 i5 If specialised clothing is required to deal with the take note of any information in Section 8 on suital unsuitable materials. See also the information in emergency personnel".	ble and
emergency personnel". SureSelect QXT P7 i6 If specialised clothing is required to deal with the take note of any information in Section 8 on suital unsuitable materials. See also the information in omorganest personnel".	ble and
emergency personnel". SureSelect QXT P7 i7 If specialised clothing is required to deal with the take note of any information in Section 8 on suital	

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	unsuitable materials. See also the information in "For non-
SureSelect QXT P7 i8	emergency personnel". If specialised clothing is required to deal with the spillage,
	take note of any information in Section 8 on suitable and
	unsuitable materials. See also the information in "For non-
	emergency personnel".
SureSelect 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-
SureSelect QXT P5 i15	emergency personnel". If specialised clothing is required to deal with the spillage,
	take note of any information in Section 8 on suitable and
	unsuitable materials. See also the information in "For non-
	emergency personnel".
SureSelect 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-
SureSelect QXT P5 i20	emergency personnel".
Sureselect QAT PS 120	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-
5X Herculase II Reaction	emergency personnel". If specialised clothing is required to deal with the spillage,
Buffer	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,

	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 pollutio (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 pollutio
	(sewers, waterways, soil or air). Herculase II Fusion DNA Polymerase 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 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 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 pollutio
	(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 pollutio
	(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 pollutio
	(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

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

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6.3 Methods and material fe	or containme	nt and cleaning	l 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.
	SureSelec Mix ILM	ot QXT Enzyme	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.
	SureSelec	ct 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 Polymeras	II Fusion DNA se	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.
	SureSelec Read Prin	ct QXT Index 1 ner	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.
	SureSelec Primer 1	ct QXT Read	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.
	SureSelec Primer 2	ct QXT Read	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.
	SureSelec	et 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.
	SureSelec	ot 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.
	SureSelec	et 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.
	SureSelec	ct 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
	SureSelec	et QXT P7 i5	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 container.
	SureSelec	ct QXT P7 i6	of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area.

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	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
Sume Cale at OVT D7 :40	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
SureSelect QXT P5 i17	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 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

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### **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		ncy contact information. tion on appropriate personal protective equipment. nal waste treatment information.

## **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling

Protective measures	: 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
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### **SECTION 7: Handling and storage**

	g und storage	
	SureSelect QXT P7 i9	Section 8). Put on appropriate personal protective equipment (see
	SureSelect QXT P7 i10	Section 8). 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).
Advice on general occupational hygiene	: 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
	SureSelect QXT Read Primer 1	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.
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### **SECTION 7: Handling and storage**

	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	Eating, drinking and smoking should be prohibited in areas
Primer 2	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 i1	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 i2	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 i3	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 i4	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 i5	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
SureSelect QXT P7 i6	Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas
Sureselect QAT F7 10	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 i7	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 i8	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 i9	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

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## **SECTION 7: Handling and storage**

ng and storage	
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
SureSelect QXT P5 i13	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 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
SureSelect QXT P5 i15	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 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
Sure Calact OVT DE :47	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
SureSelect QXT P5 i20	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.

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## **SECTION 7: Handling and storage**

	workers should wash hands and face before eating,
	drinking and smoking. Remove contaminated clothing and
	protective equipment before entering eating areas. See also
	Section 8 for additional information on hygiene measures.
100 mM dNTP Mix	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	Eating, drinking and smoking should be prohibited in areas
Buffer	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	Eating, drinking and smoking should be prohibited in areas
Read Primer	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.

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

Storage	: 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	
	SureSelect QXT Enzyme	prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original	
	Mix ILM	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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### **SECTION 7: Handling and storage**

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

SECTION 7: Handling and storage				
	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 i5	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 i6	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 i7	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 i8	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 i9	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 i10	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			

SECTION 7: Handling and storage				
	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 i11	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 i12	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 i13	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 i14	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 i15	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 i16	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. 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. 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. 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
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prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

<b>SECTION 7: Handlin</b>	g 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.
7.3 Specific end use(s)		
Recommendations	: DMSO SureSelect QXT Enzyme Mix ILM	Industrial applications, Professional applications. Industrial applications, Professional applications.
	SureSelect QXT Buffer Herculase II Fusion DNA	Industrial applications, Professional applications. Industrial applications, Professional applications.
	Polymerase SureSelect QXT Index 1	Industrial applications, Professional applications.
	Read Primer 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 SureSelect QXT P5 i13	Industrial applications, Professional applications.
	SureSelect QXT P5 i14	Industrial applications, Professional applications.
	SureSelect QXT P5 114 SureSelect QXT P5 i15	Industrial applications, Professional applications. Industrial applications, Professional applications.
	SureSelect QXT P5 115 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	: DMSO	Not available.
solutions	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 SureSelect OXT Read	Not available.
	SureSelect QXT Read Primer 2 SureSelect QXT P7 i1	Not available.
Date of issue/Date of revision	: 18/04/2022 Date of previous	s issue : No previous validation Version : 1 52/93

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### **SECTION 7: Handling and storage**

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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	Not available.
Buffer	
SureSelect QXT Index 2	Not available.
Read Primer	

### **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

#### **Occupational exposure limits**

Product/ingredient name	Exposure limit values
SureSelect QXT Enzyme Mix ILM	
Glycerol	NAOSH (Ireland, 1/2020).
	OELV-8hr: 10 mg/m <sup>3</sup> 8 hours. Form: mist
SureSelect QXT Buffer	
Glycerol	NAOSH (Ireland, 1/2020).
	OELV-8hr: 10 mg/m <sup>3</sup> 8 hours. Form: mist
Herculase II Fusion DNA Polymerase	
Glycerol	NAOSH (Ireland, 1/2020).
	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	Туре	Exposure	Value	Population	Effects
DMSO					
Dimethyl sulfoxide	DNEL	Long term	47 mg/m³	General	Local
		Inhalation	0	population	
	DNEL	Long term Oral	60 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Long term Dermal	100 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Long term	120 mg/m <sup>3</sup>	General	Systemic
		Inhalation		population	
	DNEL	Long term Dermal	200 mg/kg	Workers	Systemic
			bw/day		1
	DNEL	Long term	265 mg/m³	Workers	Local
		Inhalation	404	\A/orl/org	Curatamia
	DNEL	Long term	484 mg/m <sup>3</sup>	Workers	Systemic
		Inhalation			
5X Herculase II Reaction Buffer					
Trometamol	DNEL	Long term Oral	8.3 mg/kg	General	Systemic
Hometamor		Long term ordi	bw/day	population	Cysternio
	DNEL	Long term	29 mg/m <sup>3</sup>	General	Systemic
	DITLE	Inhalation	20 mg/m	population	Cyclonic
	DNEL	Long term Dermal	83.3 mg/kg	General	Systemic
		5	bw/day	population	,
	DNEL	Long term	117.5 mg/	Workers	Systemic
		Inhalation	m³ Õ		
	DNEL	Long term Dermal	166.7 mg/	Workers	Systemic
		-	kg bw/day		
Ammonium sulphate	DNEL	Long term	1.667 mg/	General	Systemic
		Inhalation	m³	population	
	DNEL	Long term Oral	6.4 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Long term	11.167 mg/	Workers	Systemic
		Inhalation	m³		
	DNEL	Long term Dermal	12.8 mg/kg	General	Systemic
	- · · - ·		bw/day	population	
	DNEL	Long term Dermal	42.667 mg/	Workers	Systemic
			kg bw/day		

#### **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 measu	<u>'es</u>
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

<u>appourunoo</u>		
Physical state	: DMSO SureSelect QXT Enzyme Mix ILM	Liquid. [Clear.] Liquid.
	SureSelect QXT Buffer Herculase II Fusion DNA	Liquid. Liquid.
	Polymerase 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.

## SECTION 9: Physical and chemical properties

Colour	: · · · · ·	DMSO	Colourless.
		SureSelect QXT Enzyme	Not available.
		Mix ILM	
		SureSelect QXT Buffer	Not available.
		Herculase II Fusion DNA	Not available.
		Polymerase	
		SureSelect QXT Index 1	Not available.
		Read Primer	
		SureSelect QXT Read	Not available.
		Primer 1	
		SureSelect QXT Read	Not available.
			Not available.
		Primer 2	Net even lie ble
		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	Not available.
		Buffer	
		SureSelect QXT Index 2	Not available.
		Read Primer	
Odour		DMSO	Odourless. [Slight]
Ououi			
		SureSelect QXT Enzyme	Not available.
		Mix ILM	
		SureSelect QXT Buffer	Not available.
		Herculase II Fusion DNA	Not available.
		Polymerase	
		SureSelect QXT Index 1	Not available.
		Read Primer	
		SureSelect QXT Read	Not available.
		Primer 1	
		SureSelect QXT Read	Not available.
		Primer 2	Not available.
			Natavailabla
		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.
Defending (Defending)			

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	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	Not available.	
	Buffer		
	SureSelect QXT Index 2	Not available.	
	Read Primer		
Odour threehold	: DMSO	Natavailable	
Odour threshold		Not available.	
	SureSelect QXT Enzyme	Not available.	
	Mix ILM	Natavalahla	
	SureSelect QXT Buffer	Not available.	
	Herculase II Fusion DNA	Not available.	
	Polymerase		
	SureSelect QXT Index 1	Not available.	
	Read Primer		
	SureSelect QXT Read	Not available.	
	Primer 1		
	SureSelect QXT Read	Not available.	
	Primer 2		
	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	Not available.	
	Buffer		
	SureSelect QXT Index 2	Not available.	
	Read Primer		
Melting point/freezing	: DMSO	18.5°C	
point	SureSelect QXT Enzyme	Not available.	
· ·	Mix ILM		
	SureSelect QXT Buffer	Not available.	
	Herculase II Fusion DNA	Not available.	
	Polymerase		
	SureSelect QXT Index 1	0°C	
	Read Primer		
	SureSelect QXT Read	0°C	
	Primer 1		
	SureSelect QXT Read	0°C	
	Primer 2		
	SureSelect QXT P7 i1	0°C	
	SureSelect QXT P7 i2	0°C	
	SureSelect QXT P7 i3	0°C	
			14- 1
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	ai alla olioilloai pio	
	SureSelect QXT P7 i4	O°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	Not available.
	Buffer	
	SureSelect QXT Index 2 Read Primer	0°C
Initial boiling point and	: DMSO	189°C (372.2°F)
boiling range	SureSelect QXT Enzyme	Not available.
bonnig range	Mix ILM	Not available.
	SureSelect QXT Buffer	Not available.
	Herculase II Fusion DNA	Not available.
	Polymerase	
	SureSelect QXT Index 1	100°C (212°F)
	Read Primer	
	SureSelect QXT Read	100°C (212°F)
	Primer 1	
	SureSelect QXT Read	100°C (212°F)
	Primer 2	
	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	Not available.
	Buffer	
	SureSelect QXT Index 2	100°C (212°F)
	Read Primer	

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

SECTION 9. Filysical		
Flammability (solid, gas) :	DMSO	Not applicable.
	SureSelect QXT Enzyme Mix ILM	Not applicable.
	SureSelect QXT Buffer	Not applicable.
	Herculase II Fusion DNA	Not applicable.
	Polymerase SureSelect QXT Index 1	Not applicable.
	Read Primer SureSelect QXT Read	Not applicable.
	Primer 1 SureSelect QXT Read	Not applicable.
	Primer 2 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.
Upper/lower flammability :	DMSO	Lower: 2.6%
or explosive limits		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.

## **SECTION 9: Physical and chemical properties**

SECTION 9. Physical	and chemical p	noper	lies				
	SureSelect QXT P5 i1		t available.				
	SureSelect QXT P5 i1		t available.				
	SureSelect QXT P5 i1		t available.				
	SureSelect QXT P5 if		t available.				
	SureSelect QXT P5 i1 SureSelect QXT P5 i1		t available. t available.				
	SureSelect QXT P5 i2		t available.				
	100 mM dNTP Mix		t available.				
	5X Herculase II Reac		t available.				
	Buffer						
	SureSelect QXT Index Read Primer	x 2 No	t available.				
Flash point :	DMSO			87°C (188.6°F) '°C (188.6°F)	[ASTM D	93]	
	SureSelect QXT Enzy	•	t available.				
	Mix ILM	110 110					
	SureSelect QXT Buffe	er No	t available.				
	Herculase II Fusion D	NA No	t available.				
	Polymerase						
	SureSelect QXT Inde Read Primer		t available.				
	SureSelect QXT Read Primer 1		t available.				
	SureSelect QXT Read Primer 2	d No	t available.				
	SureSelect QXT P7 i1	l No	t available.				
	SureSelect QXT P7 i2		t available.				
	SureSelect QXT P7 i3		t available.				
	SureSelect QXT P7 i4		t available.				
	SureSelect QXT P7 is		t available.				
	SureSelect QXT P7 if		t available.				
	SureSelect QXT P7 i7 SureSelect QXT P7 i8		t available. t available.				
	SureSelect QXT P7 is		t available.				
	SureSelect QXT P7 i1		t available.				
	SureSelect QXT P7 i1		t available.				
	SureSelect QXT P7 i1		t available.				
	SureSelect QXT P5 i1	13 No	t available.				
	SureSelect QXT P5 i1		t available.				
	SureSelect QXT P5 i1		t available.				
	SureSelect QXT P5 i1		t available.				
	SureSelect QXT P5 i1		t available.				
	SureSelect QXT P5 i1		t available.				
	SureSelect QXT P5 i1 SureSelect QXT P5 i2		t available. t available.				
	100 mM dNTP Mix		t available. t available.				
	5X Herculase II Reac		t available.				
	Buffer						
	SureSelect QXT Index Read Primer	x 2 No	t available.				
			Closed cu	qı		Open o	cup
	Ingredient name	°C	°F	Method	°C	°F	Method
	SureSelect QXT Enzyme Mix ILM						
	Edetic acid	>100	>212	DIN 51758			
	Poly(oxy-1,2-ethanediyl), .	>109.85	>229.7				
	alpha[ (1,1,3,3-tetramethylbutyl) phenyl]omegahydroxy-						
	SureSelect QXT Buffer						
Date of issue/Date of revision	: 18/04/2022 Date of pre	vious issu	e : ^	lo previous validat	ion V	ersion : 1	6

60/93

SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127 **SECTION 9: Physical and chemical properties** >109.85 Poly(oxy-1,2-ethanediyl), . >229.7 alpha.-[ (1,1,3,3-tetramethylbutyl) phenyl]-.omega.-hydroxy-Glycerol 177 350.6 **Herculase II Fusion DNA Polymerase** Edetic acid >100 >212 DIN 51758 Poly(oxy-1,2-ethanediyl), >109.85 >2297 alpha.-[ (1,1,3,3-tetramethylbutyl) phenyl]-.omega.-hydroxy-SureSelect QXT Index 1 **Read Primer** Edetic acid >100 >212 DIN 51758 SureSelect QXT Read Primer 1 Edetic acid >100 >212 DIN 51758 SureSelect QXT Read Primer 2 Edetic acid >100 >212 DIN 51758 SureSelect QXT P7 i1 Edetic acid >100 >212 DIN 51758 SureSelect QXT P7 i2 >100 Edetic acid >212 DIN 51758 SureSelect QXT P7 i3 Edetic acid >100 >212 DIN 51758 SureSelect QXT P7 i4 Edetic acid >100 >212 DIN 51758 SureSelect QXT P7 i5 DIN 51758 Edetic acid >100 >212 SureSelect QXT P7 i6 Edetic acid >100 >212 DIN 51758 SureSelect QXT P7 i7 Edetic acid >100 >212 DIN 51758 SureSelect QXT P7 i8 Edetic acid >100 >212 DIN 51758

SureSelect QXT P7 i9

Edetic acid

>212

>100

DIN 51758

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

## **SECTION 9: Physical and chemical properties**

cal a	and chemical p	ropert	ies				
	SureSelect QXT P7 i10						
	Edetic acid	>100	>212	DIN 51758			
	SureSelect QXT P7 i11						
	Edetic acid	>100	>212	DIN 51758			
	SureSelect QXT P7 i12						
	Edetic acid	>100	>212	DIN 51758			
	SureSelect QXT P5 i13						
	Edetic acid	>100	>212	DIN 51758			
	SureSelect QXT P5 i14						
	Edetic acid	>100	>212	DIN 51758			
	SureSelect QXT P5 i15						
	Edetic acid	>100	>212	DIN 51758			
	SureSelect QXT P5 i16	. 400	. 010				
	Edetic acid	>100	>212	DIN 51758			
	SureSelect QXT P5 i17						
	Edetic acid	>100	>212	DIN 51758			
	SureSelect QXT P5 i18						
	Edetic acid	>100	>212	DIN 51758			
	SureSelect QXT P5 i19 Edetic acid	>100	>212	DIN 51758			
		- 100	~~12	DIN 31730			
	SureSelect QXT P5 i20						
	Edetic acid	>100	>212	DIN 51758			
	SureSelect QXT Index 2						
	Read Primer						
	Edetic acid	>100	>212	DIN 51758	->		
	: DMSO 300 to 302°C (572 to 575.6°F) SureSelect QXT Enzyme Not available.						
	Mix ILM						
	SureSelect QXT Buffer Not available.						
	Herculase II Fusion DNA Not available.						
	Polymerase SureSelect QXT Index 1 Not available.						
	Read Primer						
	SureSelect QXT Read Not available. Primer 1						
	SureSelect QXT Read Not available.						
	Primer 2 SureSelect QXT P7 i1 Not available.						
	SureSelect QXT P7 i2 Not available.						
	SureSelect QXT P7 i3 Not available.						
	SureSelect QXT P7 i4		available.				
	SureSelect QXT P7 i5 Not available.						

## Auto-ignition temperature

Version :1

## **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	Not available.
Buffer	
SureSelect QXT Index 2	Not available.

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

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al and chemical propertie	es	1	
SureSelect QXT P7 i5			
Edetic acid	>400	>752	VDI 2263
SureSelect QXT P7 i6			
Edetic acid	>400	>752	VDI 2263
SureSelect QXT P7 i7			
Edetic acid	>400	>752	VDI 2263
SureSelect QXT P7 i8			
Edetic acid	>400	>752	VDI 2263
SureSelect QXT P7 i9			
Edetic acid	>400	>752	VDI 2263
SureSelect QXT P7 i10			
Edetic acid	>400	>752	VDI 2263
SureSelect QXT P7 i11			
Edetic acid	>400	>752	VDI 2263
SureSelect QXT P7 i12			
Edetic acid	>400	>752	VDI 2263
SureSelect QXT P5 i13			
Edetic acid	>400	>752	VDI 2263
SureSelect QXT P5 i14			
Edetic acid	>400	>752	VDI 2263
SureSelect QXT P5 i15			
Edetic acid	>400	>752	VDI 2263
SureSelect QXT P5 i16			
Edetic acid	>400	>752	VDI 2263
SureSelect QXT P5 i17			
Edetic acid	>400	>752	VDI 2263
SureSelect QXT P5 i18			
Edetic acid	>400	>752	VDI 2263
SureSelect QXT P5 i19			
Edetic acid	>400	>752	VDI 2263
SureSelect QXT P5 i20			
Edetic acid	>400	>752	VDI 2263
SureSelect QXT Index 2 Read Primer			
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	Edetic acid	>400	>752	VDI 2263	
Decomposition	: DMSO	140 to 189°C			
emperature	SureSelect QXT Enzyme	Not available.			
	Mix ILM				
	SureSelect QXT Buffer	Not available.			
	Herculase II Fusion DNA	Not available.			
	Polymerase				
	SureSelect QXT Index 1	Not available.			
	Read Primer				
	SureSelect QXT Read	Not available.			
	Primer 1				
	SureSelect QXT Read	Not available.			
	Primer 2				
	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	Not available.			
	Buffer	NUL avaliable.			
	SureSelect QXT Index 2	Not available.			
	Read Primer	NUL avaliable.			
		<b>.</b>			
н	: DMSO	Not available.			
	SureSelect QXT Enzyme	7.9			
	Mix ILM				
	SureSelect QXT Buffer	7.5			
	Herculase II Fusion DNA	7.5 to 8.7			
	Polymerase	_			
	SureSelect QXT Index 1	7			
	Read Primer	_			
	SureSelect QXT Read	7			
	Primer 1				
	SureSelect QXT Read	7			
	Primer 2				
	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			
te of issue/Date of revision	: 18/04/2022 Date of previous	No n	revious validation	Version : 1	65/9

	SureSelect QXT P5 i14 SureSelect QXT P5 i15 SureSelect QXT P5 i16 SureSelect QXT P5 i17 SureSelect QXT P5 i18 SureSelect QXT P5 i19 SureSelect QXT P5 i20 100 mM dNTP Mix 5X Herculase II Reaction Buffer SureSelect QXT Index 2	7 7 7 7 7 7 7 7.5 9.5 to 10.5 7
Viscosity	<ul> <li>Read Primer</li> <li>DMSO</li> <li>SureSelect QXT Enzyme</li> <li>Mix ILM</li> </ul>	Dynamic: 2.14 mPa·s Not available.
	SureSelect QXT Buffer Herculase II Fusion DNA	Not available. Not available.
	Polymerase SureSelect QXT Index 1 Read Primer	Not available.
	SureSelect QXT Read	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. Not available.
	SureSelect QXT P5 i17 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 Herculase II Fusion DNA Polymerase	Soluble in the following materials: cold water and hot water. 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	Easily soluble in the following materials: cold water and hot
	Primer 1	water.
	SureSelect QXT Read Primer 2	Easily soluble in the following materials: cold water and hot water.
Data of incurs/Data of revision	18/04/2022 Data of proving	incurs No provisus volidation Version 11 CC/01

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

### **SECTION 9: Physical and chemical properties**

SECTION 9. Flysical	and chemical prop	Jeilles
	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.
Partition coefficient: n- : octanol/water	DMSO SureSelect QXT Enzyme Mix ILM	-1.35 Not applicable.
	SureSelect QXT Buffer Herculase II Fusion DNA Polymerase	Not applicable. 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.

Date of issue/Date of revision

	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	Not applicable.
	Buffer	<b>N I I I I I I I I I I</b>
	SureSelect QXT Index 2 Read Primer	Not applicable.
Vapour pressure	: DMSO	0.056 kPa (0.42 mm Hg) [EU A.4]
	SureSelect QXT Enzyme	e Not available.
	Mix ILM	
	SureSelect QXT Buffer	Not available.
	Herculase II Fusion DNA	Not available.
	Polymerase	
	SureSelect QXT Index 1	Not available.
	Read Primer	
	SureSelect QXT Read	Not available.
	Primer 1	
	SureSelect QXT Read Primer 2	Not available.
		Natavailable
	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 110 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	Not available.
	Buffer	Neteveileble
	SureSelect QXT Index 2	Not available.
	Read Primer	

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

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

l a	and chemical p	ropert	ies				
	2-Amino-2-	0.000027	0.0000036		0.000007501	0.000001	
	(hydroxymethyl)propane- 1,3-diol hydrochloride						
	SureSelect QXT P7 i4						
	water	23.8	3.2		92.258	12.3	
	2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
	SureSelect QXT P7 i5						
	water	23.8	3.2		92.258	12.3	
	2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
	SureSelect QXT P7 i6						
	water	23.8	3.2		92.258	12.3	
	2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
	SureSelect QXT P7 i7						
	water	23.8	3.2		92.258	12.3	
	2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
	SureSelect QXT P7 i8						
	water	23.8	3.2		92.258	12.3	
	2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
	SureSelect QXT P7 i9						
	water	23.8	3.2		92.258	12.3	
	2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
	SureSelect QXT P7 i10						
	water	23.8	3.2		92.258	12.3	
	2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
	SureSelect QXT P7 i11						
	water	23.8	3.2		92.258	12.3	
	2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
	SureSelect QXT P7 i12						
	water	23.8	3.2		92.258	12.3	
	2-Amino-2-	0.000027	0.0000036		0.000007501	0.000001	
:	18/04/2022 Date of pre	vious issue	: N	o previous validat	ion Ve	ersion :1	70/93

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

### **SECTION 9: Physical and chemical properties**

Date of issue/Date of revision

l and chemical p	ropert	ies				
(hydroxymethyl)propane- 1,3-diol hydrochloride						
SureSelect QXT P5 i13						
water	23.8	3.2		92.258	12.3	
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
SureSelect QXT P5 i14						
water	23.8	3.2		92.258	12.3	
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
SureSelect QXT P5 i15						
water	23.8	3.2		92.258	12.3	
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
SureSelect QXT P5 i16						
water	23.8	3.2		92.258	12.3	
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
SureSelect QXT P5 i17						
water	23.8	3.2		92.258	12.3	
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
SureSelect QXT P5 i18						
water	23.8	3.2		92.258	12.3	
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
SureSelect QXT P5 i19						
water	23.8	3.2		92.258	12.3	
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
SureSelect QXT P5 i20						
water	23.8	3.2		92.258	12.3	
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
100 mM dNTP Mix						
water	23.8	3.2		92.258	12.3	
5X Herculase II						
: 18/04/2022 Date of previous issue : No previous validation Version : 1 71/93						

#### 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 < 0.1 < 0.013 Sulfuric acid, magnesium salt, hydrate (1:1:7) SureSelect QXT Index 2 **Read Primer** 23.8 water 3.2 92.258 12.3 0.000007501 0.000001 2-Amino-2-0.000027 0.000036 (hydroxymethyl)propane-1,3-diol hydrochloride **Evaporation rate** 0.026 (butyl acetate = 1) DMSO ż. Not available. SureSelect QXT Enzyme Mix ILM SureSelect QXT Buffer Not available. Herculase II Fusion DNA Not available. Polymerase SureSelect QXT Index 1 Not available. Read Primer

SureSelect QXT Read Not available
-----------------------------------

Not available.

able.

NI-4	 

Primer 1	
SureSelect QXT Read	Not availa

SureSelect QXT P7 i1

SureSelect QXT P7 i2

SureSelect QXT P7 i3

SureSelect QXT P7 i4

SureSelect QXT P7 i5

SureSelect QXT P7 i6

SureSelect QXT P7 i7

SureSelect QXT P7 i8

SureSelect QXT P7 i9

SureSelect QXT P7 i10

SureSelect QXT P7 i11

SureSelect QXT P7 i12

SureSelect QXT P5 i13

SureSelect QXT P5 i14

SureSelect QXT P5 i15

SureSelect QXT P5 i16

SureSelect QXT P5 i17

SureSelect QXT P5 i18

SureSelect QXT P5 i19

SureSelect QXT P5 i20

5X Herculase II Reaction

SureSelect QXT Index 2

100 mM dNTP Mix

Buffer

Primer 2

Re	lative	density	

lative density	: DMSO	1.1
	SureSelect QXT Enzyme Mix ILM	Not available.
	SureSelect QXT Buffer	Not available.
	Herculase II Fusion DNA	Not available.
	Polymerase	
	SureSelect QXT Index 1	Not available.
	Read Primer	
	SureSelect QXT Read	Not available.
	Primer 1	
	SureSelect QXT Read	Not available.
	Primer 2	
	SureSelect QXT P7 i1	Not available.

Read Primer

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	Not available.
	Buffer	
	SureSelect QXT Index 2	Not available.
	Read Primer	
Vapour density	 DMSO	2.7 [Air = 1]
vapour density		2.7 [Air = 1]
	SureSelect QXT Enzyme	Not available.
	Mix ILM	
	SureSelect QXT Buffer	Not available.
	Herculase II Fusion DNA	Not available.
	Polymerase	
	SureSelect QXT Index 1	Not available.
	Read Primer	
	SureSelect QXT Read	Not available.
	Primer 1	
	SureSelect QXT Read	Not available.
		NOL available.
	Primer 2	
	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	Not available.
	Buffer	
	SureSelect QXT Index 2	Not available.
	Read Primer	

#### **SECTION 9: Physical and chemical properties**

Oxidising properties		DMSO	Not available.	
Oxidiality properties	1	SureSelect QXT Enzyme		
		Mix ILM		
		SureSelect QXT Buffer	Not available.	
		Herculase II Fusion DNA		
		Polymerase		
		SureSelect QXT Index 1	Not available.	
		Read Primer		
		SureSelect QXT Read	Not available.	
		Primer 1		
		SureSelect QXT Read	Not available.	
		Primer 2		
		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 SureSelect QXT P7 i11	Not available. Not available.	
		SureSelect QXT P7 i12	Not available.	
		SureSelect QXT P7 112 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	Not available.	
		Buffer		
		SureSelect QXT Index 2	Not available.	
		Read Primer		
Particle characteristics				
Median particle size		DMSO	Not applicable.	
modian particle cize		SureSelect QXT Enzyme		
		Mix ILM		
		SureSelect QXT Buffer	Not applicable.	
		Herculase II Fusion DNA		
		Polymerase		
		SureSelect QXT Index 1	Not applicable.	
		Read Primer		
		SureSelect QXT Read	Not applicable.	
		Primer 1		
		SureSelect QXT Read	Not applicable.	
		Primer 2		
		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 SureSelect QXT P7 i9	Not applicable. 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.	
Data of inquis/Data of multiple				. 1
Date of issue/Date of revision		: 18/04/2022 Date of previo	us issue : No previous validation Version	- 1

# **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	Not applicable.
Buffer	
SureSelect QXT Index 2	Not applicable.
Read Primer	

#### 9.2 Other information

No additional information.

# SECTION 10: Stability and reactivity

0.1 Reactivity	: DMSO	No specific test data related to reactivity available for this
		product or its ingredients.
	SureSelect QXT Enzyme	No specific test data related to reactivity available for this
	Mix ILM	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	No specific test data related to reactivity available for this
	Polymerase	product or its ingredients.
	SureSelect QXT Index 1	No specific test data related to reactivity available for this
	Read Primer	product or its ingredients.
	SureSelect QXT Read	No specific test data related to reactivity available for this
	Primer 1	product or its ingredients.
	SureSelect QXT Read	No specific test data related to reactivity available for this
	Primer 2	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

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

# SECTION 10: Stability and reactivity

		product or its ingredients.
	SureSelect QXT P5 i17	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	
	SureSelect QXT Index 2	No specific test data related to reactivity available for this
	Read Primer	product or its ingredients.
0.2 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	
	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 5X Herculase II Reaction	The product is stable. The product is stable.
		The supervised is stable
	SureSelect QXT Index 2 Read Primer	The product is stable.
0.3 Possibility of	: DMSO	Under normal conditions of storage and use, hazardous
azardous reactions		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. Under normal conditions of storage and use, hazardous
	Herculase II Fusion DNA	

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

### **SECTION 10: Stability and reactivity**

1

	SureSelect QXT Index 1	Under normal conditions of storage and use, hazardous
	Read Primer	reactions will not occur.
	SureSelect QXT Read Primer 1	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect QXT Read	Under normal conditions of storage and use, hazardous
	Primer 2	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
	SureSelect QXT P7 i3	reactions will not occur.
		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
	SureSelect QXT P7 i7	reactions will not occur. 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
	SureSelect QXT P5 i14	reactions will not occur. 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
	100 mM dNTP Mix	reactions will not occur. Under normal conditions of storage and use, hazardous
		reactions will not occur.
	5X Herculase II Reaction	
	Buffer	reactions will not occur.
	SureSelect QXT Index 2	Under normal conditions of storage and use, hazardous
	Read Primer	reactions will not occur.
0.4 Conditions to avoid :	DMSO	No specific data.
	SureSelect QXT Enzyme	No specific data.
	Mix ILM SureSelect QXT Buffer	No specific data.
	Herculase II Fusion DNA	
	Polymerase	
	SureSelect QXT Index 1	No specific data.
	Read Primer	
	SureSelect QXT Read	No specific data.

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

### **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 SureSelect QXT P7 i7	No specific data. No specific data.
	SureSelect QXT P7 17	No specific data.
	SureSelect QXT P7 i8	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	: DMSO	May react or be incompatible with oxidising materials.
materials	SureSelect QXT Enzyme	
	Mix ILM	
	SureSelect QXT Buffer	May react or be incompatible with oxidising materials.
	Herculase II Fusion DNA	May react or be incompatible with oxidising materials.
	Polymerase	
	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	May react or be incompatible with evidicing materials
	SureSelect QXT Read Primer 2	May react or be incompatible with oxidising materials.
	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.

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

#### **SECTION 10: Stability and reactivity**

	5X Herculase II Reaction Buffer	May react or be incompatible with oxidising materials.
		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	Under normal conditions of storage and use, hazardous
	Mix ILM	decomposition products should not be produced.
	SureSelect QXT Buffer	Under normal conditions of storage and use, hazardous
	Herculase II Fusion DNA	decomposition products should not be produced. Under normal conditions of storage and use, hazardous
	Polymerase	decomposition products should not be produced.
	SureSelect QXT Index 1	Under normal conditions of storage and use, hazardous
	Read Primer	decomposition products should not be produced.
	SureSelect QXT Read	Under normal conditions of storage and use, hazardous
	Primer 1	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
	Sure Sale at OVT D7 i4	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
	SureSelect QXT P7 i8	decomposition products should not be produced. 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
	SureSelect QXT P7 i12	decomposition products should not be produced. 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
	Sure Salect OVT DE 115	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
	SureSelect QXT P5 i19	decomposition products should not be produced.
		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.
		Under normal conditions of storage and use, hazardous
	Buffer	decomposition products should not be produced.
Date of issue/Date of revision	: 18/04/2022 Date of previou	s issue : No previous validation Version : 1 79

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

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

# **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
<b>DMSO</b> Dimethyl sulfoxide	LD50 Dermal LD50 Oral	Rat Rat	40000 mg/kg 14500 mg/kg	-
<b>5X Herculase II Reaction</b> <b>Buffer</b> Trometamol Ammonium sulphate	LD50 Dermal LD50 Oral	Rat Rat	>5000 mg/kg 2840 mg/kg	-
Hexadecan-1-ol, ethoxylated		Rat	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)
DMSO 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
DMSO					
Dimethyl sulfoxide	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Eyes - Mild irritant	Rabbit	-	100 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Mild irritant	Rabbit	-	100 mg	-
5X Herculase II Reaction Buffer					
Trometamol	Skin - Moderate irritant	Rabbit	-	25 %	-
	Skin - Severe irritant	Rabbit	-	500 mg	-

<u>Sensitiser</u>	
<b>Conclusion/Summary</b>	: Not available.
<u>Mutagenicity</u>	
<b>Conclusion/Summary</b>	: Not available.
<b>Carcinogenicity</b>	
<b>Conclusion/Summary</b>	: Not available.
Reproductive toxicity	
<b>Conclusion/Summary</b>	: Not available.
<b>Teratogenicity</b>	
<b>Conclusion/Summary</b>	: Not available.
Specific target organ to	<u>xicity (single exposure)</u>
Not available.	

# **SECTION 11: Toxicological information**

Specific target organ toxicity (repeated exposure)

Not available.

#### **Aspiration hazard**

Not available.

Information on likely	: DMSO	Routes of entry anticipated: Oral, Dermal, Inhalation.
routes of exposure	SureSelect QXT Enzyme	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Mix ILM	
	SureSelect QXT Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Herculase II Fusion DNA	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Polymerase	······································
	SureSelect QXT Index 1	Not available.
	Read Primer	
	SureSelect QXT Read	Not available.
	Primer 1	NUL avallable.
		Natavalahla
	SureSelect QXT Read	Not available.
	Primer 2	<b>N</b> 1 / 1 11
	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	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Buffer	
	SureSelect QXT Index 2	Not available.
	Read Primer	
Potential acute health effec	ts	
Inhalation	DMSO	No known significant effects or critical hazards.
	SureSelect QXT Enzyme	No known significant effects or critical hazards.
	Mix ILM	
	SureSelect QXT Buffer	No known significant effects or critical hazards.
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	
	SureSelect QXT Index 1	No known significant effects or critical hazards.
	Read Primer	
	SureSelect QXT Read	No known significant effects or critical hazards.
	Primer 1	-
	SureSelect QXT Read	No known significant effects or critical hazards.
	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.
		THE KNOWN SIGNMOUTH ENGOLS OF GITLIDAL HAZALUS.

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

	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	No known significant effects or critical hazards.
	Buffer	C C
	SureSelect QXT Index 2	No known significant effects or critical hazards.
	Read Primer	0
Ingestion	: DMSO	No known significant effects or critical hazards.
ingestion	SureSelect QXT Enzyme	No known significant effects or critical hazards.
	Mix ILM	No known significant enects of childar hazards.
	SureSelect QXT Buffer	No known significant effects or critical hazards.
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	No known significant chocke of childer hazarde.
	SureSelect QXT Index 1	No known significant effects or critical hazards.
	Read Primer	No known significant chocke of childer hazarde.
	SureSelect QXT Read	No known significant effects or critical hazards.
	Primer 1	
	SureSelect QXT Read	No known significant effects or critical hazards.
	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	No known significant effects or critical hazards.
	Buffer	
	SureSelect QXT Index 2	No known significant effects or critical hazards.
	Read Primer	

Skin contact	: 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	No known significant effects or critical hazards.
	Polymerase SureSelect QXT Index 1	No known significant effects or critical hazards.
	Read Primer	-
	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.
Eye contact	: 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.

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	SureSelect QXT P5 i14	No known significant effects or cr	itical hazards.
	SureSelect QXT P5 i15	No known significant effects or cr	itical hazards.
	SureSelect QXT P5 i16	No known significant effects or cr	tical hazards.
	SureSelect QXT P5 i17	No known significant effects or cr	tical hazards.
	SureSelect QXT P5 i18	No known significant effects or cr	tical hazards.
	SureSelect QXT P5 i19	No known significant effects or cr	tical hazards.
	SureSelect QXT P5 i20	No known significant effects or cr	itical hazards.
	100 mM dNTP Mix	No known significant effects or cr	itical hazards.
	5X Herculase II Reaction	No known significant effects or cr	itical hazards.
	Buffer	C C	
	SureSelect QXT Index 2	No known significant effects or cr	itical hazards.
	Read Primer	0	
Symptoms related to the ph	vsical chemical and toxic	ological characteristics	
Inhalation	DMSO	No specific data.	
	SureSelect QXT Enzyme	No specific data.	
	Mix ILM		
	SureSelect QXT Buffer	No specific data.	
	Herculase II Fusion DNA	No specific data.	
	Polymerase		
	SureSelect QXT Index 1	No specific data.	
	Read Primer		
	SureSelect QXT Read	No specific data.	
	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	1	
Ingestion	DMSO	No specific data.	
ingestion	SureSelect QXT Enzyme	No specific data.	
	Mix ILM		
	SureSelect QXT Buffer	No specific data.	
	Herculase II Fusion DNA	No specific data.	
	Polymerase	No specific data.	
	SureSelect QXT Index 1	No specific data.	
	Read Primer	no specilio uala.	
	SureSelect QXT Read	No specific data.	
	Primer 1	no specilio uala.	
	SureSelect QXT Read	No specific data.	
	Primer 2	No specific dala.	
Date of issue/Date of revision	: 18/04/2022 Date of previous	: No previous validation	Version :1

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

SureSelect QXT P711 No specific data. SureSelect QXT P713 No specific data. SureSelect QXT P716 No specific data. SureSelect QXT P716 No specific data. SureSelect QXT P717 No specific data. SureSelect QXT P719 No specific data. SureSelect QXT P711 No specific data. SureSelect QXT P7110 No specific data. SureSelect QXT P5114 No specific data. SureSelect QXT P5116 No specific data. SureSelect QXT P5116 No specific data. SureSelect QXT P5117 No specific data. SureSelect QXT P5118 No specific data. SureSelect QXT P5118 No specific data. SureSelect QXT P5119 No specific data. SureSelect QXT P5110 No specific data. SureSelect QXT P5120 No specific data. SureSelect QXT Index 1 No specific data. SureSelect QXT Index 2 No specific data. No specific data. SureSelect QXT Enzyme No specific data. No specific data. SureSelect QXT Enzyme No specific data. No specific data. SureSelect QXT P110 No specific data. SureSelect QXT P111 No specific data. SureSelect QXT P111 No specific data. SureSelect QXT P711 No specific data. SureSelect QXT P711 No specific data. SureSelect QXT P713 No specific data. SureSelect QXT P716 No specific data. SureSelect QXT P718 No specific data. SureSelect			
SkineSelect QXT P7 i2       No specific data.         SureSelect QXT P7 i4       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 i8       No specific data.         SureSelect QXT P7 i10       No specific data.         SureSelect QXT P7 i11       No specific data.         SureSelect QXT P5 i13       No specific data.         SureSelect QXT P5 i13       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 i20       No specific data.         Buffer       SureSelect QXT P5 i20       No specific data.         SureSelect QXT B4       No specific data.       No specific data.         Buffer       SureSelect QXT Read       No specific data.         SureSelect QXT P7 i3       No specific data.       No specific data.         SureSelect QXT P7 i3       No specific		SureSelect QXT P7 i1	No specific data.
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SureSelect QXT Index 2 No specific data.		Buffer	
			No specific data
Read Primer			no specific data.
		Read Primer	

 Date of issue/Date of revision
 : 18/04/2022
 Date of previous issue
 : No previous validation
 Version
 : 1
 85/93

# **SECTION 11: Toxicological information**

	sologiour mormation	
Eye contact	: DMSO	No specific data.
	SureSelect QXT Enzyme	No specific data.
	Mix ILM	
	SureSelect QXT Buffer	No specific data.
	Herculase II Fusion DNA	No specific data.
	Polymerase	·
	SureSelect QXT Index 1	No specific data.
	Read Primer	
	SureSelect QXT Read	No specific data.
	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 Buffer	No specific data.
	SureSelect QXT Index 2	No specific data.
	Read Primer	
Delayed and immediate of	effects as well as chronic effe	ects from short and long-term exposure
Short term exposure		
Potential immediate effects	: Not available.	
Potential delayed effects	: Not available.	
Long term exposure		
Potential immediate	: Not available.	
effects		
Potential delayed	: Not available.	
effects		
Potential chronic health	offacte	

#### Potential chronic health effects

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

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

	- J	
	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	No known significant effects or critical hazards.
	Buffer	,
	SureSelect QXT Index 2 Read Primer	No known significant effects or critical hazards.
Carcinogenicity :	DMSO	No known significant effects or critical hazards.
	SureSelect QXT Enzyme	No known significant effects or critical hazards.
	Mix ILM	
	SureSelect QXT Buffer	No known significant effects or critical hazards.
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	
	SureSelect QXT Index 1 Read Primer	No known significant effects or critical hazards.
	SureSelect QXT Read	No known significant effects or critical hazards.
	Primer 1	0
	SureSelect QXT Read Primer 2	No known significant effects or critical hazards.
	SureSelect QXT P7 i1	No known significant offects or critical bazards
	SureSelect QXT P7 i2	No known significant effects or critical hazards. No known significant effects or critical hazards.
	SureSelect QXT P7 i2	
	SureSelect QXT P7 i3	No known significant effects or critical hazards. No known significant effects or critical hazards.
	SureSelect QXT P7 i4	
		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	No known significant effects or critical hazards.
	Buffer	~

# **SECTION 11: Toxicological information**

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	SureSelect QXT Index 2 Read Primer	No known significant effects or critical hazards.
Mutagenicity :	DMSO	No known significant effects or critical hazards.
indugementy .		
	SureSelect QXT Enzyme Mix ILM	No known significant effects or critical hazards.
	SureSelect QXT Buffer	No known aignificant offects or critical bozarda
		No known significant effects or critical hazards.
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	
	SureSelect QXT Index 1	No known significant effects or critical hazards.
	Read Primer	
	SureSelect QXT Read	No known significant effects or critical hazards.
	Primer 1	
	SureSelect QXT Read	No known significant effects or critical hazards.
	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	No known significant effects or critical hazards.
	Buffer	
	SureSelect QXT Index 2 Read Primer	No known significant effects or critical hazards.
Poproductivo toxicity	DMSO	No known significant effects or critical hazards.
Reproductive toxicity :	SureSelect QXT Enzyme	No known significant effects or critical hazards.
	Mix ILM	NO KIOWIT SIGNILICATE ETECTS OF CITECAT TAZATUS.
	SureSelect QXT Buffer	No known significant effects or critical hazards.
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	No known significant effects of childar hazards.
	SureSelect QXT Index 1	No known aignificant offects or critical bozarda
	Read Primer	No known significant effects or critical hazards.
	SureSelect QXT Read	No known significant effects or critical hazards.
	Primer 1	NO KIOWIT SIGNILICATE ETIECTS OF CITICAL TAZATUS.
	SureSelect QXT Read	No known agnificant affacts ar aritical bazarda
		No known significant effects or critical hazards.
	Primer 2	No known aignificant offects or critical bezorde
	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.

Date of issue/Date of revision

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

# **SECTION 11: Toxicological information**

Sure Salect OVT D7 (12	No known aignifiaant offacta ar critical bazarda
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	No known significant effects or critical hazards.
Buffer	-
SureSelect QXT Index 2	No known significant effects or critical hazards.
Read Primer	-

# **SECTION 12: Ecological information**

#### 12.1 Toxicity

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

#### 12.2 Persistence and degradability

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

# **SECTION 12: Ecological information**

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

#### 12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
DMSO Dimethyl sulfoxide	-1.35	3.16	low
5X Herculase II Reaction Buffer			
Trometamol Ammonium sulphate	-2.31 -5.1	-	low low

12.4 Mobility in soil	
Soil/water partition	: Not available.
coefficient (Koc)	
Mobility	: Not available.

#### 12.5 Results of PBT and vPvB assessment

Product/ingredient name	PBT	Р	В	Т	vPvB	vP	vB	
DMSO 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 meth	ods
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	<ul> <li>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.</li> </ul>
Special precautions	: This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

# **SECTION 14: Transport information**

	ADR/RID	IMDG	ΙΑΤΑ
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** 

for user

#### **14.6 Special precautions** : 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.

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

# **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	
<b>5X Herculase II Reactio</b> ammonium sulphate	n Buffer	231-984-1		7783-20-2	65	
abel	: DMSO SureSelect QXT ILM	Enzyme Mix	Not applic Not applic			
	SureSelect QXT Herculase II Fus Polymerase		Not applic Not applic			
	SureSelect QXT Read Primer	Index 1	Not applic	cable.		
	SureSelect QXT 1	Read Primer	Not applic	cable.		
	SureSelect QXT 2	Read Primer	Not applic	cable.		
	SureSelect QXT		Not applic			
	SureSelect QXT		Not applic			
	SureSelect QXT SureSelect QXT	-	Not applic			
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#### 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	Not applicable.
Buffer	
SureSelect QXT Index 2	Not applicable.
Read Primer	

#### Other EU regulations

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

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.

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### **SECTION 15: Regulatory information**

Japan	: Japan inventory (CSCL): Not determined. Japan inventory (ISHL): Not determined.
New Zealand	: Not determined.
Philippines	: Not determined.
<b>Republic of Korea</b>	: Not determined.
Taiwan	: All components are listed or exempted.
Thailand	: Not determined.
Turkey	: Not determined.
United States	: Not determined.
Viet Nam	: Not determined.
15.2 Chemical safety assessment	: This product contains substances for which Chemical Safety Assessments might still be required.

# **SECTION 16: Other information**

✓ Indicates information that has changed from previously issued version.

Abbreviations and	: ATE = Acute Toxicity Estimate
acronyms	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

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

<b>5X Herculase II Reaction B</b> Aquatic Chronic 2 Eye Irrit. 2 Skin Irrit. 2	uffer	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 SKIN CORROSION/IRRITATION - Category 2
Date of issue/ Date of revision	: 18/04/2022	
Date of previous issue Version	<ul><li>No previous validation</li><li>1</li></ul>	

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