Conforms to US OSHA Hazard Communication 29CFR1910.1200

SAFETY DATA SHEET



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

Section 1. Identification

1.1 Product identifier		
Product name	: SureSelect QXT Library Prep Kit -NSQ-Bo	x 2-96 Reactions, Part number 5500-012
Part no. (chemical kit)	: 5500-0127	
Part no.	: DMSO	600260-53
art no.	SureSelect QXT Enzyme Mix ILM	5190-7052
	SureSelect QXT Buffer	5190-7053
	Herculase II Fusion DNA Polymerase	5190-7751
	SureSelect QXT Index 1 Read Primer	5191-4062
	SureSelect QXT Read Primer 1	5190-7949
	SureSelect QXT Read Primer 2	5190-7056
	SureSelect QXT P7 i1	5190-7061
	SureSelect QXT P7 i2	5190-7062
	SureSelect QXT P7 i3	5190-7063
	SureSelect QXT P7 i4	5190-7064
	SureSelect QXT P7 i5	5190-7065
	SureSelect QXT P7 i6	5190-7066
	SureSelect QXT P7 i7	5190-7067
	SureSelect QXT P7 i8	5190-7068
	SureSelect QXT P7 i9	5190-7069
	SureSelect QXT P7 i10	5190-7070
	SureSelect QXT P7 i11	5190-7071
	SureSelect QXT P7 i12	5190-7072
	SureSelect QXT P5 i13	5190-7073
	SureSelect QXT P5 i14	5190-7074
	SureSelect QXT P5 i15	5190-7075
	SureSelect QXT P5 i16	5190-7076
	SureSelect QXT P5 i17	5190-7077
	SureSelect QXT P5 i18	5190-7078
	SureSelect QXT P5 i19	5190-7079
	SureSelect QXT P5 i20	5190-7080
	100 mM dNTP Mix	5190-7750
	5X Herculase II Reaction Buffer	600675-52
	SureSelect QXT Index 2 Read Primer	5191-4064
/alidation date	: 4/18/2022	
I.2 Relevant identified use	es of the substance or mixture and uses advis	ed against
Material uses	: Analytical reagent.	
		4
		1 ml
	SureSelect QXT Enzyme Mix ILM SureSelect QXT Buffer	0.3 ml (96 reactions)
	Herculase II Fusion DNA Polymerase	2.6 ml (96 reactions) 0.31 ml (192 reactions)
	SureSelect QXT Index 1 Read Primer	2.4 ml (96 reactions)
	SureSelect QXT Read Primer 1	1.59 ml (96 reactions)
	SureSelect QXT Read Primer 2	1.6 ml (96 reactions)
	SureSelect QXT P7 i1	0.04 ml (96 reactions)
	SureSelect QXT P7 i2	0.04 ml (96 reactions)
	SureSelect QXT P7 i3	0.04 ml (96 reactions)
	SureSelect QXT P7 i4	0.04 ml (96 reactions)
	SureSelect QXT P7 i5	0.04 ml (96 reactions)
	SureSelect QXT P7 i6	0.04 ml (96 reactions)
	SureSelect QXT P7 i7	0.04 ml (96 reactions)
	SureSelect QXT P7 i8	0.04 ml (96 reactions)
	SureSelect QXT P7 i9	0.04 ml (96 reactions)
	SureSelect QXT P7 i10	0.04 ml (96 reactions)

04/18/2022

Section 1. Identification

- 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 100 mM dNTP Mix 5X Herculase II Reaction Buffer SureSelect QXT Index 2 Read Primer
- 0.04 ml (96 reactions) 0.04 ml (96 reactions) 0.06 ml (96 reactions) 0.16 ml (192 reactions) 0.35 ml (32 reactions) 2.4 ml (96 reactions)

1.3 Details of the supplier of the safety data sheet

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

1.4 Emergency telephone number

In case

of emergency :	CHEMTREC®: 1-800-424-9300
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Section 2. Hazards identification

2.1 Classification of the substance or mixture

OSHA/HCS status	: DMSO	This material is considered hazardous by the OSHA
	SureSelect QXT Enzyme	Hazard Communication Standard (29 CFR 1910.1200). This material is considered hazardous by the OSHA
	Mix ILM	Hazard Communication Standard (29 CFR 1910.1200).
	SureSelect QXT Buffer	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
	Herculase II Fusion DNA Polymerase	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
	SureSelect QXT Index 1	While this material is not considered hazardous by the
	Read Primer	OSHA Hazard Communication Standard (29 CFR
		1910.1200), this SDS contains valuable information
		critical to the safe handling and proper use of the product.
		This SDS should be retained and available for employees
		and other users of this product.
	SureSelect QXT Read Primer 1	While this material is not considered hazardous by the
	Fillier	OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information
		critical to the safe handling and proper use of the product.
		This SDS should be retained and available for employees
		and other users of this product.
	SureSelect QXT Read	While this material is not considered hazardous by the
	Primer 2	OSHA Hazard Communication Standard (29 CFR
		1910.1200), this SDS contains valuable information
		critical to the safe handling and proper use of the product.
		This SDS should be retained and available for employees and other users of this product.
	SureSelect QXT P7 i1	While this material is not considered hazardous by the
		OSHA Hazard Communication Standard (29 CFR
		1910.1200), this SDS contains valuable information
		critical to the safe handling and proper use of the product.
		This SDS should be retained and available for employees

SureSelect QXT P7 i2	and other users of this product. While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees
SuraSalaat OVT D7 i2	and other users of this product.
SureSelect QXT P7 i3	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product. This SDS should be retained and available for employees
SureSelect QXT P7 i4	and other users of this product. While this material is not considered hazardous by the
	OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product. This SDS should be retained and available for employees
	and other users of this product.
SureSelect QXT P7 i5	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees and other users of this product.
SureSelect QXT P7 i6	While this material is not considered hazardous by the
	OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees
	and other users of this product.
SureSelect QXT P7 i7	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees
SureSelect QXT P7 i8	and other users of this product. While this material is not considered hazardous by the
	OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product. This SDS should be retained and available for employees
	and other users of this product.
SureSelect QXT P7 i9	While this material is not considered hazardous by the
	OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees
SureSelect QXT P7 i10	and other users of this product. While this material is not considered hazardous by the
	OSHA Hazard Communication Standard (29 CFR
	1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product. This SDS should be retained and available for employees
	and other users of this product.
SureSelect QXT P7 i11	While this material is not considered hazardous by the
	OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information
	critical to the safe handling and proper use of the product.
	This SDS should be retained and available for employees

SureSelect QXT P7 i12	and other users of this product. While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees
SureSelect QXT P5 i13	and other users of this product. While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees
SureSelect QXT P5 i14	and other users of this product. While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureSelect QXT P5 i15	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureSelect QXT P5 i16	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureSelect QXT P5 i17	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureSelect QXT P5 i18	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureSelect QXT P5 i19	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
SureSelect QXT P5 i20	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
100 mM dNTP Mix	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees

	5X Herculase II Reaction Buffer SureSelect QXT Index 2 Read Primer	 and other users of this product. While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product. While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product. While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product. 	
Classification of the substance	<u>or mixture</u>		
D MSO			
H227	FLAMMABLE LIQUIDS - Cat	tegory	14
H320	EYE IRRITATION - Category		r ·
		, _0	
SureSelect QXT Enzyme Mix			
		100	
H320	EYE IRRITATION - Category	y ∠B	
Curre Colored OVT Duff			
SureSelect QXT Buffer			
H320	EYE IRRITATION - Category	y 2B	
Herculase II Fusion DNA			
Polymerase			
H320	EYE IRRITATION - Category	y 2B	
	100 mM dNTP Mix		Percentage of the mixture consisting of ingredient
			(s) of unknown hazards to the aquatic environment:
			5.7%
2.2 GHS label elements			
Signal word :	MISO		Warning
Signal Word	MSO	11	Warning
	SureSelect QXT Enzyme Mix	ILM	Warning
	SureSelect QXT Buffer		Warning
	Herculase II Fusion DNA		Warning
	Polymerase		
	SureSelect QXT Index 1 Read	d	No signal word.
	Primer		
	SureSelect QXT Read Primer		No signal word.
	SureSelect QXT Read Primer	2	No signal word.
	SureSelect QXT P7 i1		No signal word.
	SureSelect QXT P7 i2		No signal word.
	SureSelect QXT P7 i3		No signal word.
	SureSelect QXT P7 i4		No signal word.
	SureSelect QXT P7 i5		No signal word.
	SureSelect QXT P7 i6		No signal word.
	SureSelect QXT P7 i7		No signal word.
	SureSelect QXT P7 i8		No signal word.
	SureSelect QXT P7 i9		No signal word.
	SureSelect QXT P7 i10		No signal word.
	SureSelect QXT P7 i11		No signal word.
	SureSelect QXT P7 i12		No signal word.
	SureSelect QXT P7 112 SureSelect QXT P5 i13		
			No signal word. No signal word
	SureSelect QXT P5 i14		No signal word.
	SureSelect QXT P5 i15		No signal word.
	SureSelect QXT P5 i16		No signal word.

Section 2. Hazarus	identification	
	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 Read	No signal word.
	Primer	
Hazard statements	ØMSO	H227 - Combustible liquid.
		H320 - Causes eye irritation.
	SureSelect QXT Enzyme Mix ILM	H320 - Causes eye irritation.
	SureSelect QXT Buffer	H320 - Causes eye irritation.
	Herculase II Fusion DNA	H320 - Causes eye irritation.
	Polymerase SureSelect QXT Index 1 Read	No known significant offects or critical bazards
	Primer	No known significant effects or critical hazards.
	SureSelect QXT Read Primer 1	No known significant effects or critical hazards.
	SureSelect QXT Read Primer 2	No known significant effects or critical hazards.
	SureSelect QXT P7 i1	No known significant effects or critical hazards.
	SureSelect QXT P7 i2	No known significant effects or critical hazards.
	SureSelect QXT P7 i3	No known significant effects or critical hazards.
	SureSelect QXT P7 i4	No known significant effects or critical hazards.
	SureSelect QXT P7 i5	No known significant effects or critical hazards.
	SureSelect QXT P7 i6	No known significant effects or critical hazards.
	SureSelect QXT P7 i7	No known significant effects or critical hazards.
	SureSelect QXT P7 i8	No known significant effects or critical hazards.
	SureSelect QXT P7 i9	No known significant effects or critical hazards.
	SureSelect QXT P7 i10	No known significant effects or critical hazards.
	SureSelect QXT P7 i11	No known significant effects or critical hazards.
	SureSelect QXT P7 i12	No known significant effects or critical hazards.
	SureSelect QXT P5 i13	No known significant effects or critical hazards.
	SureSelect QXT P5 i14	No known significant effects or critical hazards.
	SureSelect QXT P5 i15 SureSelect QXT P5 i16	No known significant effects or critical hazards. No known significant effects or critical hazards.
	SureSelect QXT P5 110	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	No known significant effects or critical hazards.
	Primer	C C
Precautionary statements		
Prevention	MSO	P210 - Keep away from flames and hot surfaces.
	Philod	No smoking.
	SureSelect QXT Enzyme Mix ILM	Not applicable.
	SureSelect QXT Buffer	Not applicable.
	Herculase II Fusion DNA	Not applicable.
	Polymerase	
	SureSelect QXT Index 1 Read	Not applicable.
	Primer	
	SureSelect QXT Read Primer 1	Not applicable.
	SureSelect QXT Read Primer 2	Not applicable.
	SureSelect QXT P7 i1	Not applicable.
	SureSelect QXT P7 i2	Not applicable.
	SureSelect QXT P7 i3	Not applicable.
	SureSelect QXT P7 i4	Not applicable.
	SureSelect QXT P7 i5	Not applicable.
	SureSelect QXT P7 i6	Not applicable.
	SureSelect QXT P7 i7	Not applicable.
		C 14

	identification	
	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	Not applicable.
	Primer	
Response :	₽ MSO	P305 + P351 + P338 - IF IN EYES: Rinse
Response .		cautiously with water for several minutes. Remove
		contact lenses, if present and easy to do. Continue
		rinsing. P337 + P313 - If eye irritation persists: Get medical
		advice or attention.
	SureSelect QXT Enzyme Mix ILM	P305 + P351 + P338 - IF IN EYES: Rinse
		cautiously with water for several minutes. Remove
		contact lenses, if present and easy to do. Continue
		rinsing.
		P337 + P313 - If eye irritation persists: Get medical
		advice or attention.
	SureSelect QXT Buffer	P305 + P351 + P338 - IF IN EYES: Rinse
		cautiously with water for several minutes. Remove
		contact lenses, if present and easy to do. Continue
		rinsing.
		P337 + P313 - If eye irritation persists: Get medical
		advice or attention.
	Herculase II Fusion DNA	P305 + P351 + P338 - IF IN EYES: Rinse
	Polymerase	cautiously with water for several minutes. Remove
	1 Olymenase	contact lenses, if present and easy to do. Continue
		rinsing.
		P337 + P313 - If eye irritation persists: Get medical
		advice or attention.
	SureSelect QXT Index 1 Read	Not applicable.
	Primer	
	SureSelect QXT Read Primer 1	Not applicable.
	SureSelect QXT Read Primer 2	Not applicable.
	SureSelect QXT P7 i1	Not applicable.
	SureSelect QXT P7 i2	Not applicable.
	SureSelect QXT P7 i3	Not applicable.
	SureSelect QXT P7 i4	Not applicable.
	SureSelect QXT P7 i5	Not applicable.
	SureSelect QXT P7 i6	Not applicable.
	SureSelect QXT P7 i7	Not applicable.
	SureSelect QXT P7 i8	Not applicable.
	SureSelect QXT P7 i9	Not applicable.
	SureSelect QXT P7 i10	Not applicable.
	SureSelect QXT P7 i11	Not applicable.
	SureSelect QXT P7 i12	Not applicable.
	SureSelect QXT P5 i13	Not applicable.
	SureSelect QXT P5 i14	Not applicable.
	SureSelect QXT P5 i15	Not applicable.

Section 2. Hazarus i	dentification	
	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	Not applicable.
	Primer	
Otomore		D400 + D005 - Otana in a wall wantilated also
Storage :	ØMSO	P403 + P235 - Store in a well-ventilated place.
		Keep cool.
	SureSelect QXT Enzyme Mix ILM	Not applicable.
	SureSelect QXT Buffer	Not applicable.
	Herculase II Fusion DNA	Not applicable.
	Polymerase	
	SureSelect QXT Index 1 Read	Not applicable.
	Primer	
	SureSelect QXT Read Primer 1	Not applicable.
	SureSelect QXT Read Primer 2	Not applicable.
	SureSelect QXT P7 i1	Not applicable.
	SureSelect QXT P7 i2	Not applicable.
	SureSelect QXT P7 i3	Not applicable.
	SureSelect QXT P7 i4	Not applicable.
	SureSelect QXT P7 i5	Not applicable.
	SureSelect QXT P7 i6	Not applicable.
	SureSelect QXT P7 i7	Not applicable.
	SureSelect QXT P7 i8	Not applicable.
	SureSelect QXT P7 i9	Not applicable.
	SureSelect QXT P7 i10	Not applicable.
	SureSelect QXT P7 i11	Not applicable.
	SureSelect QXT P7 i12	Not applicable.
	SureSelect QXT P5 i13	Not applicable.
	SureSelect QXT P5 i14	Not applicable.
	SureSelect QXT P5 i15	Not applicable.
	SureSelect QXT P5 i16	Not applicable.
	SureSelect QXT P5 i17	Not applicable.
	SureSelect QXT P5 i18	Not applicable.
	SureSelect QXT P5 i19	Not applicable.
	SureSelect QXT P5 i20	Not applicable.
	100 mM dNTP Mix	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect QXT Index 2 Read	Not applicable.
	Primer	
Disposal :	ØMSO	P501 - Dispose of contents and container in
		accordance with all local, regional, national and
		international regulations.
	SureSelect QXT Enzyme Mix ILM	Not applicable.
	SureSelect QXT Buffer	Not applicable.
	Herculase II Fusion DNA	Not applicable.
	Polymerase	
	SureSelect QXT Index 1 Read	Not applicable.
	Primer	
	SureSelect QXT Read Primer 1	Not applicable.
	SureSelect QXT Read Primer 2	Not applicable.
	SureSelect QXT P7 i1	Not applicable.
	SureSelect QXT P7 i2	Not applicable.
	SureSelect QXT P7 i3	Not applicable.
	SureSelect QXT P7 i4	Not applicable.
	SureSelect QXT P7 i5	Not applicable.
	SureSelect QXT P7 i6	Not applicable.

	SureSelect QXT P7 i7	Not applicable.
	SureSelect QXT P7 i8	Not applicable.
	SureSelect QXT P7 i9	Not applicable.
	SureSelect QXT P7 i10	Not applicable.
	SureSelect QXT P7 i11	Not applicable.
	SureSelect QXT P7 i12	Not applicable.
	SureSelect QXT P5 i13	Not applicable.
	SureSelect QXT P5 i14	Not applicable.
	SureSelect QXT P5 i15	Not applicable.
	SureSelect QXT P5 i16	Not applicable.
	SureSelect QXT P5 i17	Not applicable.
	SureSelect QXT P5 i18	
	SureSelect QXT P5118	Not applicable.
		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.
Supplemental label :	Ø MSO	None known.
elements	SureSelect QXT Enzyme Mix ILM	None known.
erentente	SureSelect QXT Enzyme Mix TEM	None known.
	Herculase II Fusion DNA	None known.
	Polymerase	None known.
	SureSelect QXT Index 1 Read	None known.
	Primer SureSelect QXT Read Primer 1	None known.
	SureSelect QXT Read Primer 2	None known.
	SureSelect QXT P7 i1	None known.
		None known.
	SureSelect QXT P7 i2	
	SureSelect QXT P7 i3	None known.
	SureSelect QXT P7 i4	None known.
	SureSelect QXT P7 i5	None known.
	SureSelect QXT P7 i6 SureSelect QXT P7 i7	None known.
		None known.
	SureSelect QXT P7 i8	None known.
	SureSelect QXT P7 i9	None known.
	SureSelect QXT P7 i10	None known.
	SureSelect QXT P7 i11	None known.
	SureSelect QXT P7 i12	None known.
	SureSelect QXT P5 i13	None known.
	SureSelect QXT P5 i14	None known.
	SureSelect QXT P5 i15	None known.
	SureSelect QXT P5 i16	None known.
	SureSelect QXT P5 i17	None known.
	SureSelect QXT P5 i18	None known.
	SureSelect QXT P5 i19	None known.
	SureSelect QXT P5 i20	None known.
	100 mM dNTP Mix	None known.
	5X Herculase II Reaction Buffer	None known.
	SureSelect QXT Index 2 Read	None known.
	Primer	
2.3 Other hazards		
Hazards not otherwise :	ØMSO	None known.
classified	SureSelect QXT Enzyme Mix ILM	None known.
	SureSelect QXT Buffer	None known.
	Herculase II Fusion DNA	None known.
	Polymerase	
	SureSelect QXT Index 1 Read	None known.
	Primer	

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

Section 3. Composition/information on ingredients

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

Section 3. Composition/information on ingredients

	<u> </u>	
Ingredient name	%	CAS number
DMSO		
Dimethyl sulfoxide	100	67-68-5
SureSelect QXT Enzyme Mix ILM		
Glycerol	≥25 - ≤50	56-81-5
Potassium chloride	≤3	7447-40-7
SureSelect QXT Buffer		
Glycerol	≥50 - ≤75	56-81-5
Herculase II Fusion DNA Polymerase		
Glycerol	≥50 - ≤75	56-81-5
5X Herculase II Reaction Buffer		
Trometamol	≤3	77-86-1
Ammonium sulphate	≤3	7783-20-2
Hexadecan-1-ol, ethoxylated	<2.5	9004-95-9

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

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

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

4.1 Description of necessar	<u>y first aid measures</u>	
Eye contact	: DMSO	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
	SureSelect QXT Enzyme Mix ILM	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
	SureSelect QXT Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
	Herculase II Fusion DNA Polymerase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
	SureSelect QXT Index 1 Read Primer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureSelect QXT Read Primer 1	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureSelect QXT Read Primer 2	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

SureSelect QXT P7 i1	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get
SureSelect QXT P7 i2	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
SureSelect QXT P7 i3	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
SureSelect QXT P7 i4	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
SureSelect QXT P7 i5	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
SureSelect QXT P7 i6	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 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
SureSelect QXT P7 i10	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
SureSelect QXT P7 i11	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
SureSelect QXT P7 i12	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 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 lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P5 i15	Immedical attention in inflation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

SureSelect QXT P5 i16	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P5 i17	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get
SureSelect QXT P5 i18	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
SureSelect QXT P5 i19	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
SureSelect QXT P5 i20	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
100 mM dNTP Mix	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.
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.
: ₱MSO	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
SureSelect QXT Enzyme Mix ILM	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a
SureSelect QXT Buffer	collar, tie, belt or waistband. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or

Inhalation

	oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a
Herculase II Fusion DNA Polymerase	collar, tie, belt or waistband. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be
	dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
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 comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P7 i6	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P7 i7	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P7 i8	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P7 i9	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P7 i10	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P7 i11	Remove victim to fresh air and keep at rest in a

	position comfortable for breathing. Get medical
	attention if symptoms occur.
SureSelect QXT P7 i12	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. Get medical
	attention if symptoms occur.
SureSelect QXT P5 i13	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. Get medical
	attention if symptoms occur.
SureSelect QXT P5 i14	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. Get medical
	attention if symptoms occur.
SureSelect QXT P5 i15	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. Get medical
	attention if symptoms occur.
SureSelect QXT P5 i16	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. Get medical
	attention if symptoms occur.
SureSelect QXT P5 i17	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. Get medical
Sure Cale at OVT DE 149	attention if symptoms occur.
SureSelect QXT P5 i18	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. Get medical
SureSelect QXT P5 i19	attention if symptoms occur.
Suleselect QAT F3119	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
Suleselect QAT F5120	position comfortable for breathing. Get medical
	attention if symptoms occur.
100 mM dNTP Mix	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. Get medical
	attention if symptoms occur. In case of inhalation
	of decomposition products in a fire, symptoms
	may be delayed. The exposed person may need
	to be kept under medical surveillance for 48
	hours.
5X Herculase II Reaction Buffer	Remove victim to fresh air and keep at rest in a
	position comfortable for breathing. Get medical
	attention if symptoms occur. In case of inhalation
	of decomposition products in a fire, symptoms
	may be delayed. The exposed person may need
	to be kept under medical surveillance for 48
	hours.
SureSelect QXT Index 2 Read	Remove victim to fresh air and keep at rest in a
Primer	position comfortable for breathing. Get medical
	attention if symptoms occur.
: DMSO	Flush contaminated skin with plenty of water.
	Remove contaminated clothing and shoes. Get
	medical attention if symptoms occur. Wash
	clothing before reuse. Clean shoes thoroughly
	before reuse.
SureSelect QXT Enzyme Mix IL	
	Remove contaminated clothing and shoes. Get
	medical attention if symptoms occur. Wash
	clothing before reuse. Clean shoes thoroughly
	before reuse.
SureSelect QXT Buffer	Flush contaminated skin with plenty of water.
	Remove contaminated clothing and shoes. Get
	medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly

Skin contact

	before reuse.
Herculase II Fusion DNA	Flush contaminated skin with plenty of water.
Polymerase	Remove contaminated clothing and shoes. Get
	medical attention if symptoms occur. Wash
	clothing before reuse. Clean shoes thoroughly
	before reuse.
SureSelect QXT Index 1 Read	Flush contaminated skin with plenty of water.
Primer	Remove contaminated clothing and shoes. Get
	medical attention if symptoms occur.
SureSelect QXT Read Primer 1	Flush contaminated skin with plenty of water.
SuleSelect QAT Read Fillier 1	
	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
Sure Salast OVT DZ iF	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
Ours Calast OVT D7 :40	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.
SureSelect QXT P5 i15	Flush contaminated skin with plenty of water.
	Remove contaminated clothing and shoes. Get
	medical attention if symptoms occur.

	SureSelect QXT P5 i16	Flush contaminated skin with plenty of water.
		Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	SureSelect QXT P5 i17	Flush contaminated skin with plenty of water.
		Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	SureSelect QXT P5 i18	Flush contaminated skin with plenty of water.
		Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	SureSelect QXT P5 i19	Flush contaminated skin with plenty of water.
		Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	SureSelect QXT P5 i20	Flush contaminated skin with plenty of water.
		Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	100 mM dNTP Mix	Flush contaminated skin with plenty of water.
		Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	5X Herculase II Reaction Buffer	Flush contaminated skin with plenty of water.
		Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
	SureSelect QXT Index 2 Read	Flush contaminated skin with plenty of water.
	Primer	Remove contaminated clothing and shoes. Get
		medical attention if symptoms occur.
Ingestion :	Ø MSO	Wash out mouth with water. Remove dentures if
		any. If material has been swallowed and the
		exposed person is conscious, give small quantities
		of water to drink. Stop if the exposed person feels
		sick as vomiting may be dangerous. Do not induce
		vomiting unless directed to do so by medical
		personnel. If vomiting occurs, the head should be
		kept low so that vomit does not enter the lungs.
		Get medical attention if adverse health effects
		persist or are severe. Never give anything by
		mouth to an unconscious person. If unconscious,
		place in recovery position and get medical attention
		immediately. Maintain an open airway. Loosen
		tight clothing such as a collar, tie, belt or waistband.
	SureSelect QXT Enzyme Mix ILM	Wash out mouth with water. Remove dentures if
		any. If material has been swallowed and the
		exposed person is conscious, give small quantities
		of water to drink. Stop if the exposed person feels
		sick as vomiting may be dangerous. Do not induce
		vomiting unless directed to do so by medical
		personnel. If vomiting occurs, the head should be
		kept low so that vomit does not enter the lungs.
		Get medical attention if adverse health effects
		persist or are severe. Never give anything by
		mouth to an unconscious person. If unconscious,
		place in recovery position and get medical attention
		immediately. Maintain an open airway. Loosen
		tight clothing such as a collar, tie, belt or waistband.
	SureSelect QXT Buffer	Wash out mouth with water. Remove dentures if
		any. If material has been swallowed and the
		exposed person is conscious, give small quantities
		of water to drink. Stop if the exposed person feels
		sick as vomiting may be dangerous. Do not induce
		vomiting unless directed to do so by medical
		personnel. If vomiting occurs, the head should be
		kept low so that vomit does not enter the lungs.

Herculase II Fusion DNA Polymerase	Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious,
SureSelect QXT Index 1 Read Primer	place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. 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 and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i2	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms
SureSelect QXT P7 i3	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 i4	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical

	personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i5	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not
	induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i6	Wash out mouth with water. If material has been
	swallowed and the exposed person is conscious, give small quantities of water to drink. Do not
	induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms
SureSelect QXT P7 i7	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 i8	Wash out mouth with water. If material has been swallowed and the exposed person is conscious,
	give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical
	personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i9	Wash out mouth with water. If material has been
	swallowed and the exposed person is conscious, give small quantities of water to drink. Do not
	induce vomiting unless directed to do so by medical
	personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i10	Wash out mouth with water. If material has been swallowed and the exposed person is conscious,
	give small quantities of water to drink. Do not
	induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms
SureSelect QXT P7 i11	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
SureSelect QXT P5 i13	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 i14	Wash out mouth with water. If material has been
	swallowed and the exposed person is conscious, give small quantities of water to drink. Do not
	induce vomiting unless directed to do so by medical

	personnel. Get medical attention if symptoms occur.
SureSelect QXT P5 i15	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical
SureSelect QXT P5 i16	personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not
	induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect 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.

4.2 Most important symptoms/effects, acute and delayed Potential acute health effects

Eye contact	: DMSO	Causes eye irritation.
	SureSelect QXT Enzyme Mix ILM	Causes eye irritation.
	SureSelect QXT Buffer	Causes eye irritation.
	Herculase II Fusion DNA	Causes eye irritation.
	Polymerase	
	SureSelect QXT Index 1 Read	No known significant effects or critical hazards.
	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	-
	SureSelect QXT P5 i20	No known significant effects or critical hazards.
		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.
Inhalation	: DMSO	No known significant effects or critical hazards.
	SureSelect QXT Enzyme Mix ILM	No known significant effects or critical hazards.
	SureSelect QXT Buffer	No known significant effects or critical hazards.
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	
	SureSelect QXT Index 1 Read	No known significant effects or critical hazards.
	Primer	3
	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.
		No known significant eneols of childa hazalus.

	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	No known significant effects or critical hazards.
	Primer	No known significant cricets of childer hazards.
Skin contact		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 Read	No known significant effects or critical hazards.
	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	No known significant effects or critical hazards.
	Primer	
Ingestion	: 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	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 io	No known significant effects or critical hazards.
		•
	SureSelect QXT P7 i8	No known significant effects or critical hazards.
	SuraSalact OVT D7 10	No known significant offacts or critical bazarda
	SureSelect QXT P7 i9 SureSelect QXT P7 i10	No known significant effects or critical hazards. 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	No known significant effects or critical hazards.
	Primer	-
Over-exposure signs/sympton	me	
Eye contact	MSO	Adverse symptoms may include the following:
		irritation
		watering
		redness
	SureSelect QXT Enzyme Mix ILM	
	,,	irritation
		watering
		redness
	SureSelect QXT Buffer	Adverse symptoms may include the following:
		irritation
		watering
		redness
	Herculase II Fusion DNA Polymerase	Adverse symptoms may include the following:
		irritation
		watering
		redness
	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	No specific data.
		-

		Primer	
Inhalation		MSO	No specific data.
initiation	1	SureSelect QXT Enzyme Mix ILM	No specific data.
		SureSelect QXT Buffer	No specific data.
		Herculase II Fusion DNA	No specific data.
		Polymerase	
		SureSelect QXT Index 1 Read	No specific data.
		Primer SureSelect QXT Read Primer 1	No oposifio data
		SureSelect QXT Read Primer 2	No specific data.
			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 SureSelect QXT P7 i5	No specific data.
			No specific data.
		SureSelect QXT P7 i6 SureSelect QXT P7 i7	No specific data.
		SureSelect QXT P7 i8	No specific data.
		SureSelect QXT P7 i9	No specific data. 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	No specific data.
		Primer	
Skin contact	ι,	ØMSO	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 SureSelect QXT P5 i16	No specific data.
			No specific data.

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0000000		
	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	No specific data.
	Primer	
Ingestion	: DMSO	No specific data.
	SureSelect QXT Enzyme Mix ILM	No specific data.
	SureSelect QXT Buffer	No specific data.
	Herculase II Fusion DNA	No specific data.
	Polymerase	
	SureSelect QXT Index 1 Read	No specific data.
	Primer	
	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	No specific data.
	Primer	
4.3 Indication of imm	ediate medical attention and special treatme	ent needed, if necessary
Notes to physician	: ØMSO	Treat symptomatically. Contact poison treatment
		specialist immediately if large quantities have been
		ingested or inhaled.
	SureSelect QXT Enzyme Mix ILM	Treat symptomatically. Contact poison treatment
		specialist immediately if large quantities have been
		ingested or inhaled.
	SureSelect QXT Buffer	Treat symptomatically. Contact poison treatment
		specialist immediately if large quantities have been
		ingested or inhaled.
	Herculase II Fusion DNA	Treat symptomatically. Contact poison treatment
	Polymerase	specialist immediately if large quantities have been
		ingested or inhaled.
	SureSelect QXT Index 1 Read	Treat symptomatically. Contact poison treatment
	Primer	specialist immediately if large quantities have been
		ingested or inhaled.
	SureSelect QXT Read Primer 1	Treat symptomatically. Contact poison treatment
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	specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT Read Primer 2	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect QXT P7 i1	Treat symptomatically. Contact poison treatment
SureSelect QAT P711	
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect QXT P7 i2	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect QXT P7 i3	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect QXT P7 i4	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect QXT P7 i5	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect QXT P7 i6	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect QXT P7 i7	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect QXT P7 i8	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect QXT P7 i9	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect QXT P7 i10	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect QXT P7 i11	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect QXT P7 i12	•
SureSelect QAT P7 112	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect QXT P5 i13	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect QXT P5 i14	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect QXT P5 i15	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect QXT P5 i16	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect QXT P5 i17	Treat symptomatically. Contact poison treatment
Sureceiett QXTT 5TT	
	specialist immediately if large quantities have been indexted or inheled
Sura Calact OVT DE :40	ingested or inhaled.
SureSelect QXT P5 i18	Treat symptomatically. Contact poison treatment
	specialist immediately if large quantities have been
	ingested or inhaled.
SureSelect QXT P5 i19	Treat symptomatically. Contact poison treatment

		specialist immediately if large quantities have been ingested or inhaled.
	SureSelect QXT P5 i20	Treat symptomatically. Contact poison treatment
		specialist immediately if large quantities have been ingested or inhaled.
	100 mM dNTP Mix	In case of inhalation of decomposition products in a
		fire, symptoms may be delayed. The exposed
		person may need to be kept under medical
		surveillance for 48 hours.
	5X Herculase II Reaction Buffer	In case of inhalation of decomposition products in a
		fire, symptoms may be delayed. The exposed
		person may need to be kept under medical
		surveillance for 48 hours.
	SureSelect QXT Index 2 Read	Treat symptomatically. Contact poison treatment
	Primer	specialist immediately if large quantities have been ingested or inhaled.
Specific treatments :	⊅ MSO	No specific treatment.
	SureSelect QXT Enzyme Mix ILM	No specific treatment.
	SureSelect QXT Buffer	No specific treatment.
	Herculase II Fusion DNA	No specific treatment.
	Polymerase	
	SureSelect QXT Index 1 Read Primer	No specific treatment.
	SureSelect QXT Read Primer 1	No specific treatment.
	SureSelect QXT Read Primer 2	No specific treatment.
	SureSelect QXT P7 i1	No specific treatment.
	SureSelect QXT P7 i2	No specific treatment.
	SureSelect QXT P7 i3	No specific treatment.
	SureSelect QXT P7 i4	No specific treatment.
	SureSelect QXT P7 i5	No specific treatment.
	SureSelect QXT P7 i6	No specific treatment.
	SureSelect QXT P7 i7	No specific treatment.
	SureSelect QXT P7 i8	No specific treatment.
	SureSelect QXT P7 i9	No specific treatment.
	SureSelect QXT P7 i10	No specific treatment.
	SureSelect QXT P7 i11	No specific treatment. No specific treatment.
	SureSelect QXT P7 i12 SureSelect QXT P5 i13	No specific treatment.
	SureSelect QXT P5113	No specific treatment.
	SureSelect QXT P5 i15	No specific treatment.
	SureSelect QXT P5 i16	No specific treatment.
	SureSelect QXT P5 i17	No specific treatment.
	SureSelect QXT P5 i18	No specific treatment.
	SureSelect QXT P5 i19	No specific treatment.
	SureSelect QXT P5 i20	No specific treatment.
	100 mM dNTP Mix	No specific treatment.
	5X Herculase II Reaction Buffer	No specific treatment.
	SureSelect QXT Index 2 Read Primer	No specific treatment.
Protection of first-aiders :	ØMSO	No action shall be taken involving any personal risk
		or without suitable training. It may be dangerous to
		the person providing aid to give mouth-to-mouth
		resuscitation.
	SureSelect QXT Enzyme Mix ILM	No action shall be taken involving any personal risk
		or without suitable training. It may be dangerous to
		the person providing aid to give mouth-to-mouth
		resuscitation.
	SureSelect QXT Buffer	No action shall be taken involving any personal risk
		or without suitable training. It may be dangerous to

	the person providing aid to give mouth-to-mouth
Llangula e II Evelen DNA	resuscitation.
Herculase II Fusion DNA	No action shall be taken involving any personal risk
Polymerase	or without suitable training. It may be dangerous to
	the person providing aid to give mouth-to-mouth
	resuscitation.
SureSelect QXT Index 1 Read	No action shall be taken involving any personal risk
Primer	or without suitable training.
SureSelect QXT Read Primer 1	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect QXT Read Primer 2	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect QXT P7 i1	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect QXT P7 i2	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect QXT P7 i3	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect QXT P7 i4	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect QXT P7 i5	No action shall be taken involving any personal risk
Quere Quele et OVT DZ iC	or without suitable training.
SureSelect QXT P7 i6	No action shall be taken involving any personal risk
Sure Salect OVT D7 i7	or without suitable training.
SureSelect QXT P7 i7	No action shall be taken involving any personal risk
Sura Salact OVT D7 i9	or without suitable training.
SureSelect QXT P7 i8	No action shall be taken involving any personal risk
SureSelect QXT P7 i9	or without suitable training.
Suleselect QAT P7 19	No action shall be taken involving any personal risk
SureSelect QXT P7 i10	or without suitable training. No action shall be taken involving any personal risk
	or without suitable training.
SureSelect QXT P7 i11	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect QXT P7 i12	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect QXT P5 i13	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect QXT P5 i14	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect QXT P5 i15	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect QXT P5 i16	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect QXT P5 i17	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect QXT P5 i18	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect QXT P5 i19	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect QXT P5 i20	No action shall be taken involving any personal risk
	or without suitable training.
100 mM dNTP Mix	No action shall be taken involving any personal risk
	or without suitable training.
5X Herculase II Reaction Buffer	No action shall be taken involving any personal risk
	or without suitable training.
SureSelect QXT Index 2 Read	No action shall be taken involving any personal risk
Primer	or without suitable training.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

5.1 Extinguishing media

T Extinguishing meala		
Suitable extinguishing	: DMSO	Use dry chemical, CO ₂ , water spray (fog) or foam.
media	SureSelect QXT Enzyme Mix ILM	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect QXT Buffer	Use an extinguishing agent suitable for the surrounding fire.
	Herculase II Fusion DNA	Use an extinguishing agent suitable for the
	Polymerase SureSelect QXT Index 1 Read	surrounding fire. Use an extinguishing agent suitable for the
	Primer	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
	SureSelect QXT P7 i5	surrounding fire. 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.

Section 5. The-light		
	5X Herculase II Reaction Buffer	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect QXT Index 2 Read Primer	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing :	₽ MSO	Do not use water jet.
media	SureSelect QXT Enzyme Mix ILM	None known.
	SureSelect QXT Buffer	None known.
	Herculase II Fusion DNA	None known.
	Polymerase	
	SureSelect QXT Index 1 Read Primer	None known.
	SureSelect QXT Read Primer 1	None known.
	SureSelect QXT Read Primer 2	None known.
	SureSelect QXT P7 i1	None known.
	SureSelect QXT P7 i2	None known.
	SureSelect QXT P7 i3	None known.
	SureSelect QXT P7 i4	None known.
	SureSelect QXT P7 i5	None known.
	SureSelect QXT P7 i6	None known.
	SureSelect QXT P7 i7	None known.
	SureSelect QXT P7 i8	None known.
	SureSelect QXT P7 i9	None known.
	SureSelect QXT P7 i10	None known.
	SureSelect QXT P7 i11	None known.
	SureSelect QXT P7 i12 SureSelect QXT P5 i13	None known. None known.
	SureSelect QXT P5115 SureSelect QXT P5 i14	None known.
	SureSelect QXT P5 i15	None known.
	SureSelect QXT P5 i16	None known.
	SureSelect QXT P5 i17	None known.
	SureSelect QXT P5 i18	None known.
	SureSelect QXT P5 i19	None known.
	SureSelect QXT P5 i20	None known.
	100 mM dNTP Mix	None known.
	5X Herculase II Reaction Buffer	None known.
	SureSelect QXT Index 2 Read	None known.
	Primer	
5.2 Special hazards arising fro		
Specific hazards arising : from the chemical	⊅ MSO	Combustible liquid. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.
	SureSelect QXT Enzyme Mix ILM	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect QXT Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
	Herculase II Fusion DNA	In a fire or if heated, a pressure increase will occur
	Polymerase	and the container may burst.
	SureSelect QXT Index 1 Read	In a fire or if heated, a pressure increase will occur
	Primer	and the container may burst.
	SureSelect QXT Read Primer 1	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect QXT Read Primer 2	In a fire or if heated, a pressure increase will occur and the container may burst.

•	•	
	SureSelect QXT P7 i1	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect QXT P7 i2	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect QXT P7 i3	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect QXT P7 i4	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect QXT P7 i5	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect QXT P7 i6	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect QXT P7 i7	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect QXT P7 i8	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect QXT P7 i9	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect QXT P7 i10	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect QXT P7 i11	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect QXT P7 i12	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect QXT P5 i13	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect QXT P5 i14	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect QXT P5 i15	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect QXT P5 i16	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect QXT P5 i17	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect QXT P5 i18	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect QXT P5 i19	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect QXT P5 i20	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	100 mM dNTP Mix	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	5X Herculase II Reaction Buffer	In a fire or if heated, a pressure increase will occur
		and the container may burst.
	SureSelect QXT Index 2 Read	In a fire or if heated, a pressure increase will occur
	Primer	and the container may burst.
Hazardous thermal	M SO	Decomposition products may include the following
decomposition products		materials:
		carbon dioxide
		carbon monoxide
		sulfur oxides
	SureSelect QXT Enzyme Mix ILM	Decomposition products may include the following
		materials:
		carbon dioxide
		carbon monoxide
		halogenated compounds
		metal oxide/oxides
	SureSelect QXT Buffer	Decomposition products may include the following
		materials:
		carbon dioxide

Ŭ	0	
		carbon monoxide
	Herculase II Fusion DNA	Decomposition products may include the following
	Polymerase	materials:
		carbon dioxide
		carbon monoxide
	SureSelect QXT Index 1 Read Primer	No specific data.
	SureSelect QXT Read Primer 1	No specific data.
	SureSelect QXT Read Primer 2	No specific data.
	SureSelect QXT P7 i1	No specific data.
	SureSelect QXT P7 i2	No specific data.
	SureSelect QXT P7 i3	No specific data.
	SureSelect QXT P7 i4	No specific data.
	SureSelect QXT P7 i5	No specific data.
	SureSelect QXT P7 i6	No specific data.
	SureSelect QXT P7 i7	No specific data.
	SureSelect QXT P7 i8	No specific data.
	SureSelect QXT P7 i9	No specific data.
	SureSelect QXT P7 i10	No specific data.
	SureSelect QXT P7 i11	No specific data.
	SureSelect QXT P7 i12	No specific data.
	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 dioxide
		nitrogen oxides
		phosphorus oxides
	5X Herculase II Reaction Buffer	Decomposition products may include the following
		materials:
		carbon dioxide
		carbon monoxide
		nitrogen oxides
		sulfur oxides
		metal oxide/oxides
	SureSelect QXT Index 2 Read	No specific data.
	Primer	
5.3 Advice for firefighters		
Special protective actions		Promptly isolate the scene by removing all persons
for fire-fighters		from the vicinity of the incident if there is a fire. No
ior me-nginers		action shall be taken involving any personal risk or
		without suitable training. Move containers from fire
		area if this can be done without risk. Use water
		spray to keep fire-exposed containers cool.
	SureSelect QXT Enzyme Mix ILM	
		from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
	SureSelect QXT Buffer	Promptly isolate the scene by removing all persons
		from the vicinity of the incident if there is a fire. No
		action shall be taken involving any personal risk or
		without suitable training.
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Herculase II Fusion DNA	Promptly isolate the scene by removing all persons
Polymerase	from the vicinity of the incident if there is a fire. No
,	action shall be taken involving any personal risk or
	without suitable training.
SureSelect QXT Index 1 Read	Promptly isolate the scene by removing all persons
Primer	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
SureSelect QXT Read Primer 1	Promptly isolate the scene by removing all persons
	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
SureSelect QXT Read Primer 2	Promptly isolate the scene by removing all persons
	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
SureSelect QXT P7 i1	Promptly isolate the scene by removing all persons
	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
SureSelect QXT P7 i2	Promptly isolate the scene by removing all persons
	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
SureSelect QXT P7 i3	Promptly isolate the scene by removing all persons
	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
Ourse Cala at OVT D7 14	
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	
Sureselect QAT P7 10	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 i7	Promptly isolate the scene by removing all persons
	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
SureSelect QXT P7 i8	Promptly isolate the scene by removing all persons
	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
SureSelect QXT P7 i9	Promptly isolate the scene by removing all persons
	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
SureSelect QXT P7 i10	Promptly isolate the scene by removing all persons
	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
SureSelect QXT P7 i11	Promptly isolate the scene by removing all persons
	from the vicinity of the incident if there is a fire. No
	action shall be taken involving any personal risk or
	without suitable training.
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	SureSelect QXT P7 i12	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or
	SureSelect QXT P5 i13	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
	SureSelect QXT P5 i14	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
	SureSelect QXT P5 i15	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
	SureSelect QXT P5 i16	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
	SureSelect QXT P5 i17	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
	SureSelect QXT P5 i18	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
	SureSelect QXT P5 i19	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
	SureSelect QXT P5 i20	without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or
	100 mM dNTP Mix	without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or
	5X Herculase II Reaction Buffer	without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or
	SureSelect QXT Index 2 Read Primer	without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: DMSO	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	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.
	SureSelect QXT Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Herculase II Fusion DNA	Fire-fighters should wear appropriate protective
Polymerase	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect QXT Index 1 Read	Fire-fighters should wear appropriate protective
Primer	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect QXT Read Primer 1	Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect QXT Read Primer 2	Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect QXT P7 i1	•
Sureselect QAT F7 TT	Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect QXT P7 i2	Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
SureSelect QXT P7 i3	Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
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.
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.
SureSelect QXT P7 i6	Fire-fighters should wear appropriate protective
	equipment and self-contained breathing apparatus
	(SCBA) with a full face-piece operated in positive
	pressure mode.
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.
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.
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.
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.
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.
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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 proserve mode
SureSelect QXT P5 i13	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
SureSelect QXT P5 i14	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
SureSelect QXT P5 i15	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
SureSelect QXT P5 i16	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
SureSelect QXT P5 i17	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
SureSelect QXT P5 i18	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
SureSelect QXT P5 i19	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
SureSelect QXT P5 i20	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
100 mM dNTP Mix	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
5X Herculase II Reaction Buffer	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive
SureSelect QXT Index 2 Read Primer	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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 spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate		

	respirator when ventilation is inadequate. 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 spilled material. Avoid
	breathing vapor or mist. Provide adequate
	ventilation. Wear appropriate respirator when
	ventilation is inadequate. 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 spilled material. Avoid
	breathing vapor or mist. Provide adequate
	ventilation. Wear appropriate respirator when
	ventilation is inadequate. Put on appropriate
	personal protective equipment.
Herculase II Fusion DNA	No action shall be taken involving any personal
Polymerase	risk or without suitable training. Evacuate
Folymerase	
	surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not
	touch or walk through spilled material. Avoid
	breathing vapor or mist. Provide adequate
	ventilation. Wear appropriate respirator when
	ventilation is inadequate. Put on appropriate
	personal protective equipment.
SureSelect QXT Index 1 Read	No action shall be taken involving any personal
Primer	risk or without suitable training. Evacuate
	surrounding areas. Keep unnecessary and
	unprotected personnel from entering. Do not
	touch or walk through spilled material. Put on
	appropriate personal protective equipment.
SureSelect 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 spilled 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 spilled 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 spilled 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 spilled material. Put on
	appropriate personal protective equipment.
SureSelect QXT P7 i3	No action shall be taken involving any personal

	surrounding areas. Keep unnecessary and
	unprotected personnel from entering. Do not
	touch or walk through spilled 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 spilled 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 spilled material. Put on
	appropriate personal protective equipment.
SureSelect QXT P7 i6	
Sureselect QAT P7 10	No action shall be taken involving any personal
	risk or without suitable training. Evacuate
	surrounding areas. Keep unnecessary and
	unprotected personnel from entering. Do not
	touch or walk through spilled material. Put on
	appropriate personal protective equipment.
SureSelect 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 spilled 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 spilled material. Put on
	appropriate personal protective equipment.
SureSelect QXT P7 i9	No action shall be taken involving any personal
	risk or without suitable training. Evacuate
	surrounding areas. Keep unnecessary and
	unprotected personnel from entering. Do not
	touch or walk through spilled material. Put on
Sume Cale at OVT D7 140	appropriate personal protective equipment.
SureSelect QXT P7 i10	No action shall be taken involving any personal
	risk or without suitable training. Evacuate
	surrounding areas. Keep unnecessary and
	unprotected personnel from entering. Do not
	touch or walk through spilled material. Put on
	appropriate personal protective equipment.
SureSelect QXT P7 i11	No action shall be taken involving any personal
	risk or without suitable training. Evacuate
	surrounding areas. Keep unnecessary and
	unprotected personnel from entering. Do not
	touch or walk through spilled material. Put on
	appropriate personal protective equipment.
SureSelect QXT P7 i12	No action shall be taken involving any personal
	risk or without suitable training. Evacuate
	surrounding areas. Keep unnecessary and
	unprotected personnel from entering. Do not
	touch or walk through spilled material. Put on
	appropriate personal protective equipment.
SureSelect QXT P5 i13	No action shall be taken involving any personal

risk or without suitable training. Evacuate

	surrounding areas. Keep unnecessary and
	unprotected personnel from entering. Do not
	touch or walk through spilled material. Put on
	appropriate personal protective equipment.
SureSelect QXT P5 i14	No action shall be taken involving any personal
	risk or without suitable training. Evacuate
	surrounding areas. Keep unnecessary and
	unprotected personnel from entering. Do not
	touch or walk through spilled material. Put on
	appropriate personal protective equipment.
SureSelect QXT P5 i15	No action shall be taken involving any personal
SuleSelect QAT PSTIS	
	risk or without suitable training. Evacuate
	surrounding areas. Keep unnecessary and
	unprotected personnel from entering. Do not
	touch or walk through spilled material. Put on
	appropriate personal protective equipment.
SureSelect QXT P5 i16	No action shall be taken involving any personal
	risk or without suitable training. Evacuate
	surrounding areas. Keep unnecessary and
	unprotected personnel from entering. Do not
	touch or walk through spilled material. Put on
	appropriate personal protective equipment.
SureSelect QXT P5 i17	No action shall be taken involving any personal
	risk or without suitable training. Evacuate
	surrounding areas. Keep unnecessary and
	unprotected personnel from entering. Do not
	touch or walk through spilled material. Put on
SureSelect QXT P5 i18	appropriate personal protective equipment.
Sureselect QXT P5110	No action shall be taken involving any personal
	risk or without suitable training. Evacuate
	surrounding areas. Keep unnecessary and
	unprotected personnel from entering. Do not
	touch or walk through spilled material. Put on
	appropriate personal protective equipment.
SureSelect QXT P5 i19	No action shall be taken involving any personal
	risk or without suitable training. Evacuate
	surrounding areas. Keep unnecessary and
	unprotected personnel from entering. Do not
	touch or walk through spilled material. Put on
	appropriate personal protective equipment.
SureSelect QXT P5 i20	No action shall be taken involving any personal
	risk or without suitable training. Evacuate
	surrounding areas. Keep unnecessary and
	unprotected personnel from entering. Do not
	touch or walk through spilled material. Put on
	appropriate personal protective equipment.
100 mM dNTP Mix	No action shall be taken involving any personal
	risk or without suitable training. Evacuate
	surrounding areas. Keep unnecessary and
	unprotected personnel from entering. Do not
	touch or walk through spilled material. Put on
	appropriate personal protective equipment.
5X Herculase II Reaction Buffer	No action shall be taken involving any personal
	risk or without suitable training. Evacuate
	surrounding areas. Keep unnecessary and
	unprotected personnel from entering. Do not
	touch of walk through spilled material. Put on
	touch or walk through spilled material. Put on appropriate personal protective equipment.
SureSelect QXT Index 2 Read	appropriate personal protective equipment. No action shall be taken involving any personal

risk or without suitable training. Evacuate

		rick or without outside training. Fur such
	Primer	risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
For emergency responders :	Ø MSO	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureSelect QXT Enzyme Mix ILM	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureSelect QXT Buffer	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	Herculase II Fusion DNA Polymerase	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureSelect QXT Index 1 Read Primer	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureSelect QXT Read Primer 1	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureSelect QXT Read Primer 2	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureSelect QXT P7 i1	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureSelect QXT P7 i2	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureSelect QXT P7 i3	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	SureSelect QXT P7 i4	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also
	SureSelect QXT P7 i5	the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also
	SureSelect QXT P7 i6	the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also
	SureSelect QXT P7 i7	the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also

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 i9If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".SureSelect QXT P7 i10If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".SureSelect QXT P7 i11If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".SureSelect QXT P7 i12If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".SureSelect QXT P5 i13If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".SureSelect QXT P5 i14If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".SureSelect QXT P5 i16If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".SureSelect QXT P5 i17	SureSelect QXT P7 i8	the information in "For non-emergency personnel". If specialized clothing is required to deal with the
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	SureSelect QXT Index 2 Read Primer	the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	: DMSO	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	SureSelect QXT Enzyme Mix ILM	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	SureSelect QXT Buffer	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	Herculase II Fusion DNA Polymerase	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	SureSelect QXT Index 1 Read Primer	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	SureSelect QXT Read Primer 1	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	SureSelect QXT Read Primer 2	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	SureSelect QXT P7 i1	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	SureSelect QXT P7 i2	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	SureSelect QXT P7 i3	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	SureSelect QXT P7 i4	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,

SureSelect QXT P7 i5	waterways, soil or air). Avoid dispersal of spilled material and runoff and
	contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	waterways, soil or air).
SureSelect QXT P7 i6	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers,
SureSelect QXT P7 i7	waterways, soil or air).
Sureselect QAT PT IT	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers,
SureSelect QXT P7 i8	waterways, soil or air). Avoid dispersal of spilled material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers,
SureSelect QXT P7 i9	waterways, soil or air). Avoid dispersal of spilled material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P7 i10	Avoid dispersal of spilled material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P7 i11	Avoid dispersal of spilled material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has caused environmental pollution (sewers,
	waterways, soil or air).
SureSelect QXT P7 i12	Avoid dispersal of spilled material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has caused environmental pollution (sewers,
	waterways, soil or air).
SureSelect QXT P5 i13	Avoid dispersal of spilled material and runoff and
	contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has
	caused environmental pollution (sewers,
	waterways, soil or air).
SureSelect QXT P5 i14	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers,
	waterways, soil or air).
SureSelect QXT P5 i15	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers,
SureSelect QXT P5 i16	waterways, soil or air). Avoid dispersal of spilled material and runoff and
	contact with soil, waterways, drains and sewers.
	Inform the relevant authorities if the product has
	caused environmental pollution (sewers,

	SureSelect QXT P5 i17	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	SureSelect QXT P5 i18	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	SureSelect QXT P5 i19	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	SureSelect QXT P5 i20	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	100 mM dNTP Mix	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	5X Herculase II Reaction Buffer	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,
	SureSelect QXT Index 2 Read Primer	waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
6.3 Methods and materials for c	ontainment and cleaning up	
Methods for cleaning up :	₽ MSO	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water- soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	SureSelect QXT Enzyme Mix ILM	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste
	SureSelect QXT Buffer	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
	Herculase II Fusion DNA Polymerase	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 Index 1 Read	Stop leak if without risk. Move containers from spill
Primer	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
SureSelect QXT Read Primer 1	disposal contractor.
SureSelect QXT Read Primer T	Stop leak if without risk. Move containers from spill
	area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect QXT Read Primer 2	Stop leak if without risk. Move containers from spill
	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect QXT P7 i1	Stop leak if without risk. Move containers from spill
	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
SureSelect QXT P7 i2	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 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
SureSelect QXT P7 i4	disposal contractor.
Sureselect QAT P7 14	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect QXT P7 i5	Stop leak if without risk. Move containers from spill
	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect QXT P7 i6	Stop leak if without risk. Move containers from spill
	area. 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.
	area. Dilute with water and mop up it 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	
Suleselect QAT F7 110	Stop leak if without risk. Move containers from spill
	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect QXT P7 i11	Stop leak if without risk. Move containers from spill
	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect QXT P7 i12	Stop leak if without risk. Move containers from spill
	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect QXT P5 i13	Stop leak if without risk. Move containers from spill
	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect QXT P5 i14	Stop leak if without risk. Move containers from spill
	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect QXT P5 i15	Stop leak if without risk. Move containers from spill
	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect QXT P5 i16	Stop leak if without risk. Move containers from spill
	area. Dilute with water and mop up if water-soluble.
	Alternatively, or if water-insoluble, absorb with an
	inert dry material and place in an appropriate waste
	disposal container. Dispose of via a licensed waste
	disposal contractor.
SureSelect QXT P5 i17	Stop leak if without risk. Move containers from spill
	area. Dilute with water and mop up if water-soluble.
	area. Dilute with water and mop up it 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 of via a licensed waste
SureSelect QXT P5 i19	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.

Section 7. Handling and storage

7.1 Precautions for safe handlingProtective measures: DMSO

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous. Do not reuse container.

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SureSelect QXT Enzyme Mix ILM	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Put on appropriate personal protective equipment
	(see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Herculase II Fusion DNA Polymerase	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
SureSelect QXT Index 1 Read Primer	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT Read Primer 1	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT Read Primer 2	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i1	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i2	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i3	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i4	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i5	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i6	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i7	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i8	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i9	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i10	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i11	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P7 i12	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P5 i13	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P5 i14	Put on appropriate personal protective equipment (see Section 8).
SureSelect QXT P5 i15	Put on appropriate personal protective equipment (see Section 8).

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	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).
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Advice on general : occupational hygiene	ØMSO	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	SureSelect QXT Enzyme Mix ILM	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	SureSelect QXT Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	Herculase II Fusion DNA Polymerase	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	SureSelect QXT Index 1 Read Primer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	SureSelect QXT Read Primer 1	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	SureSelect QXT Read Primer 2	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and

	processed. Workers should wash hands and face
	before eating, drinking and smoking. Remove
	contaminated clothing and protective equipment
	before entering eating areas. See also Section 8
	for additional information on hygiene measures.
SureSelect 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 Section 8
	for additional information on hygiene measures.
SureSelect QXT P7 i6	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 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

SureSelect QXT P7 i9	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 i10	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
SureSelect QXT P7 i12	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 i13	Eating, drinking and smoking should be prohibited
	in areas where this material is handled, stored and
	processed. Workers should wash hands and face
	before eating, drinking and smoking. Remove
	contaminated clothing and protective equipment before entering eating areas. See also Section 8
	for additional information on hygiene measures.
SureSelect QXT P5 i14	Eating, drinking and smoking should be prohibited
	in areas where this material is handled, stored and
	processed. Workers should wash hands and face
	before eating, drinking and smoking. Remove contaminated clothing and protective equipment
	before entering eating areas. See also Section 8
	for additional information on hygiene measures.
SureSelect QXT P5 i15	Eating, drinking and smoking should be prohibited
	in areas where this material is handled, stored and
	processed. Workers should wash hands and face before eating, drinking and smoking. Remove
	contaminated clothing and protective equipment
	before entering eating areas. See also Section 8
	for additional information on hygiene measures.
SureSelect QXT P5 i16	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and
	processed. Workers should wash hands and face
	before eating, drinking and smoking. Remove
	contaminated clothing and protective equipment
	before entering eating areas. See also Section 8
SureSelect QXT P5 i17	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

	SureSelect QXT P5 i18	before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment
	SureSelect QXT P5 i19	before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8
	SureSelect QXT P5 i20	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
	100 mM dNTP Mix	before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8
	5X Herculase II Reaction Buffer	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
	SureSelect QXT Index 2 Read Primer	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.
7.2 Conditions for safe storage, including any incompatibilities	: ₱MSO	Store in accordance with local regulations. Store in a segregated and approved area. 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. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before

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

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

SureSelect QXT P7 i6	environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for
SureSelect QXT P7 i7	incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect 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 unlabeled 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 unlabeled 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 closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect 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 unlabeled 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 unlabeled 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 unlabeled 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for
SureSelect QXT P5 i15	incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect 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 unlabeled

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

	SureSelect QXT Index 2 Read Primer	dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
7.3 Specific end use(s) Recommendations	: DMSO	Industrial applications, Professional applications.
	SureSelect QXT Enzyme Mix ILM	Industrial applications, Professional applications.
	SureSelect QXT Buffer	Industrial applications, Professional applications.
	Herculase II Fusion DNA	Industrial applications, Professional applications.
	Polymerase	
	SureSelect QXT Index 1 Read Primer	Industrial applications, Professional applications.
	SureSelect QXT Read Primer 1	Industrial applications, Professional applications.
	SureSelect QXT Read Primer 2	Industrial applications, Professional applications.
	SureSelect QXT P7 i1	Industrial applications, Professional applications.
	SureSelect QXT P7 i2	Industrial applications, Professional applications.
	SureSelect QXT P7 i3	Industrial applications, Professional applications.
	SureSelect QXT P7 i4	Industrial applications, Professional applications.
	SureSelect QXT P7 i5	Industrial applications, Professional applications.
	SureSelect QXT P7 i6	Industrial applications, Professional applications.
	SureSelect QXT P7 i7	Industrial applications, Professional applications.
	SureSelect QXT P7 i8	Industrial applications, Professional applications.
	SureSelect QXT P7 i9	Industrial applications, Professional applications.
	SureSelect QXT P7 i10	Industrial applications, Professional applications.
	SureSelect QXT P7 i11	Industrial applications, Professional applications.
	SureSelect QXT P7 i12	Industrial applications, Professional applications.
	SureSelect QXT P5 i13	Industrial applications, Professional applications.
	SureSelect QXT P5 i14	Industrial applications, Professional applications.
	SureSelect QXT P5 i15	Industrial applications, Professional applications.
	SureSelect QXT P5 i16	Industrial applications, Professional applications.
	SureSelect QXT P5 i17 SureSelect QXT P5 i18	Industrial applications, Professional applications.
	SureSelect QXT P5 118 SureSelect QXT P5 i19	Industrial applications, Professional applications. Industrial applications, Professional applications.
	SureSelect QXT P5 119 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	Industrial applications, Professional applications.
	Primer	

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

Section 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
DMSO	
Dimethyl sulfoxide	OARS WEEL (United States, 1/2021). TWA: 250 ppm 8 hours.
SureSelect QXT Enzyme Mix ILM	
Glycerol	OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 10 mg/m ³ 8 hours. Form: Total dust OSHA PEL (United States, 5/2018).
	TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 15 mg/m ³ 8 hours. Form: Total dust
Potassium chloride	None.
SureSelect QXT Buffer	
Glycerol	OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction
Date of issue : 04/18/2022	59/101

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	-
	TWA: 10 mg/m ³ 8 hours. Form: Total dust OSHA PEL (United States, 5/2018).
	TWA: 5 mg/m ³ 8 hours. Form: Respirable
	fraction
	TWA: 15 mg/m ³ 8 hours. Form: Total dust
Herculase II Fusion DNA Polymerase	
Glycerol	OSHA PEL 1989 (United States, 3/1989).
	TWA: 5 mg/m ³ 8 hours. Form: Respirable
	fraction
	TWA: 10 mg/m ³ 8 hours. Form: Total dust
	OSHA PEL (United States, 5/2018).
	TWA: 5 mg/m ³ 8 hours. Form: Respirable
	fraction
	TWA: 15 mg/m ³ 8 hours. Form: Total dust
5X Herculase II Reaction Buffer	
Trometamol	None.
Ammonium sulphate	None.
Hexadecan-1-ol, ethoxylated	None.

8.2 Exposure controls		
Appropriate engineering controls	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Environmental exposure controls	:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Individual protection measu	ures.	
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Skin protection		
Hand protection	:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Body protection	:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	:	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

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

Appearance

Appearance		
Physical state :	MSO SureSelect QXT Enzyme Mix ILM	Liquid. [Clear.] Liquid.
	SureSelect QXT Buffer	Liquid.
	Herculase II Fusion DNA	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.
Color :	⊅ MSO	Colorless.
	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.

Occuon 5.1 hysical	and chemical propert	ies and safety
	SureSelect QXT P5 i14	Not available.
	SureSelect QXT P5 i15	Not available.
	SureSelect QXT P5 i16	Not available.
	SureSelect QXT P5 i17	Not available.
	SureSelect QXT P5 i18	Not available.
	SureSelect QXT P5 i19	Not available.
	SureSelect QXT P5 i20	Not available.
	100 mM dNTP Mix	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect QXT Index 2 Read	Not available.
	Primer	
Odor :	Ø MSO	Odorless. [Slight]
	SureSelect QXT Enzyme Mix ILM	Not available.
	SureSelect QXT Buffer	Not available.
	Herculase II Fusion DNA	Not available.
	Polymerase	
	SureSelect QXT Index 1 Read	Not available.
	Primer	
	SureSelect QXT Read Primer 1	Not available.
	SureSelect QXT Read Primer 2	Not available.
	SureSelect QXT P7 i1	Not available.
	SureSelect QXT P7 i2	Not available.
	SureSelect QXT P7 i3	Not available.
	SureSelect QXT P7 i4	Not available.
	SureSelect QXT P7 i5	Not available.
	SureSelect QXT P7 i6	Not available.
	SureSelect QXT P7 i7	Not available.
	SureSelect QXT P7 i8	Not available.
	SureSelect QXT P7 i9	Not available.
	SureSelect QXT P7 i10	Not available.
	SureSelect QXT P7 i11	Not available.
	SureSelect QXT P7 i12	Not available.
	SureSelect QXT P5 i13	Not available.
	SureSelect QXT P5 i14	Not available.
	SureSelect QXT P5 i15	Not available.
	SureSelect QXT P5 i16	Not available.
	SureSelect QXT P5 i17	Not available.
	SureSelect QXT P5 i18	Not available.
	SureSelect QXT P5 i19	Not available.
	SureSelect QXT P5 i20	Not available.
	100 mM dNTP Mix	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect QXT Index 2 Read	Not available.
	Primer	
Odor threshold :	₽ MSO	Not available.
	SureSelect QXT Enzyme Mix ILM	
	SureSelect QXT Buffer	Not available.
	Herculase II Fusion DNA	Not available.
	Polymerase	
	SureSelect QXT Index 1 Read	Not available.
	Primer	
	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.

	bill bill bill bill bill bill bill bill	
	SureSelect QXT P7 i7	Not available.
	SureSelect QXT P7 i8	Not available.
	SureSelect QXT P7 i9	Not available.
	SureSelect QXT P7 i10	Not available.
	SureSelect QXT P7 i11	Not available.
	SureSelect QXT P7 i12	Not available.
	SureSelect QXT P5 i13	Not available.
	SureSelect QXT P5 i14	Not available.
	SureSelect QXT P5 i15	Not available.
	SureSelect QXT P5 i16	Not available.
	SureSelect QXT P5 i17	Not available.
	SureSelect QXT P5 i18	Not available.
	SureSelect QXT P5 i19	Not available.
	SureSelect QXT P5 i20	Not available.
	100 mM dNTP Mix	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect QXT Index 2 Read	Not available.
	Primer	
pН	ØMSO	Not available.
· · · · · · · · · · · · · · · · · · ·	SureSelect QXT Enzyme Mix ILM	7.9
	SureSelect QXT Buffer	7.5
	Herculase II Fusion DNA	7.5 to 8.7
	Polymerase	
	SureSelect QXT Index 1 Read	7
	Primer	
	SureSelect QXT Read Primer 1	7
	SureSelect QXT Read Primer 2	7
	SureSelect QXT P7 i1	7
	SureSelect QXT P7 i2	7
	SureSelect QXT P7 i3	7
	SureSelect QXT P7 i3	7
		7
	SureSelect QXT P7 i5	
	SureSelect QXT P7 i6	7
	SureSelect QXT P7 i7	7
	SureSelect QXT P7 i8	7
	SureSelect QXT P7 i9	7
	SureSelect QXT P7 i10	7
	SureSelect QXT P7 i11	7
	SureSelect QXT P7 i12	7
	SureSelect QXT P5 i13	7
	SureSelect QXT P5 i14	7
	SureSelect QXT P5 i15	7
	SureSelect QXT P5 i16	7
	SureSelect QXT P5 i17	7
	SureSelect QXT P5 i18	7
	SureSelect QXT P5 i19	7
	SureSelect QXT P5 i20	7
	100 mM dNTP Mix	7.5
	5X Herculase II Reaction Buffer	9.5 to 10.5
	SureSelect QXT Index 2 Read	7
	Primer	
Melting point/freezing point	Ø MSO	18.5°C (65.3°F)
	SureSelect QXT Enzyme Mix ILM	Not available.
	SureSelect QXT Buffer	Not available.
	Herculase II Fusion DNA	Not available.
	Polymerase	
	SureSelect QXT Index 1 Read	0°C (32°F)
	Primer	
	SureSelect QXT Read Primer 1	0°C (32°F)

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ocolion o. i nyoloai	and onemical propert	
	SureSelect QXT Read Primer 2	0°C (32°F)
	SureSelect QXT P7 i1	0°C (32°F)
	SureSelect QXT P7 i2	0°C (32°F)
	SureSelect QXT P7 i3	0°C (32°F)
	SureSelect QXT P7 i4	0°C (32°F)
	SureSelect QXT P7 i5	0°C (32°F)
	SureSelect QXT P7 i6	0°C (32°F)
	SureSelect QXT P7 i7	0°C (32°F)
	SureSelect QXT P7 i8	0°C (32°F)
	SureSelect QXT P7 i9	0°C (32°F)
	SureSelect QXT P7 i10	0°C (32°F)
	SureSelect QXT P7 i11	0°C (32°F)
	SureSelect QXT P7 i12	0°C (32°F)
	SureSelect QXT P5 i13	0°C (32°F)
	SureSelect QXT P5 i14	0°C (32°F)
	SureSelect QXT P5 i15	0°C (32°F)
	SureSelect QXT P5 i16	0°C (32°F)
	SureSelect QXT P5 i17	0°C (32°F)
	SureSelect QXT P5 i18	0°C (32°F)
	SureSelect QXT P5 i19	0°C (32°F)
	SureSelect QXT P5 i20	
	100 mM dNTP Mix	0°C (32°F)
	5X Herculase II Reaction Buffer	Not available. Not available.
	-	
	SureSelect QXT Index 2 Read Primer	0°C (32°F)
Boiling point, initial boiling	ØMSO	189°C (372.2°F)
point, and boiling range	SureSelect QXT Enzyme Mix ILM	Not available.
point, and boining range	SureSelect QXT Buffer	Not available.
	Herculase II Fusion DNA	Not available.
	Polymerase	
	SureSelect QXT Index 1 Read	100°C (212°F)
	Primer	100 0 (2121)
	SureSelect QXT Read Primer 1	100°C (212°F)
	SureSelect QXT Read Primer 2	100°C (212°F)
	SureSelect QXT P7 i1	100°C (212°F)
	SureSelect QXT P7 i2	100°C (212°F)
	SureSelect QXT P7 i3	100°C (212°F)
	SureSelect QXT P7 i4	100°C (212°F)
	SureSelect QXT P7 i5	100°C (212°F)
	SureSelect QXT P7 i6	100°C (212°F)
	SureSelect QXT P7 i7	100°C (212°F)
	SureSelect QXT P7 i8	100°C (212°F)
	SureSelect QXT P7 i9	100°C (212°F)
	SureSelect QXT P7 i10	100°C (212°F)
	SureSelect QXT P7 i11	100°C (212°F) 100°C (212°F)
	SureSelect QXT P7 i12	
	SureSelect QXT P7 112 SureSelect QXT P5 i13	100°C (212°F)
		100°C (212°F)
	SureSelect QXT P5 i14	100°C (212°F)
	SureSelect QXT P5 i15	100°C (212°F)
	SureSelect QXT P5 i16	100°C (212°F)
	SureSelect QXT P5 i17	100°C (212°F)
	SureSelect QXT P5 i18	100°C (212°F)
	SureSelect QXT P5 i19	100°C (212°F)
	SureSelect QXT P5 i20	100°C (212°F)
	100 mM dNTP Mix	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect QXT Index 2 Read	100°C (212°F)
	Primer	

	⊅ MSO			ed cup: 87°C	· ·	(ASTM C	93]		
			•	n cup: 87°C (188.6°F)				
	SureSelect QXT Enzy								
	SureSelect QXT Buff			Not available.					
	Herculase II Fusion D Polymerase	NA	Not	available.					
	SureSelect QXT Inde Primer	x 1 Read	Not	available.					
	SureSelect QXT Rea	d Primer 1	Not	available.					
	SureSelect QXT Rea			available.					
	SureSelect QXT P7 i			available.					
	SureSelect QXT P7 i			available.					
	SureSelect QXT P7 i			available.					
	SureSelect QXT P7 i		available.						
	SureSelect QXT P7 i5 SureSelect QXT P7 i6 SureSelect QXT P7 i7 SureSelect QXT P7 i8 SureSelect QXT P7 i9			available.					
				available.					
				available.					
				available.					
				available.					
	SureSelect QXT P7 i		Not	available.					
	SureSelect QXT P7 i			available.					
	SureSelect QXT P7 i	12	Not	available.					
	SureSelect QXT P5 i	13	Not	available.					
	SureSelect QXT P5 in	14	Not	available.					
	SureSelect QXT P5 i	15	Not	available.					
	SureSelect QXT P5 i	16	Not	available.					
	SureSelect QXT P5 i	17	Not	available.					
	SureSelect QXT P5 i	18	Not	available.					
	SureSelect QXT P5 i	19	Not	available.					
	SureSelect QXT P5 i	20		Not available.					
	100 mM dNTP Mix			Not available.					
	5X Herculase II Reac			available.					
	SureSelect QXT Inde	x 2 Read	Not	available.					
	Primer								
				sed cup		Open cup			
	Ingredient name	°C	°F	Method	°C	°F	Method		
							Methou		
	SureSelect QXT Enzyme Mix ILM						Method		
		>100	>212	DIN 51758			Method		
	Enzyme Mix ILM	>100 >109.85	>212 >229.7	DIN 51758					
	Enzyme Mix ILM Edetic acid Poly(oxy-1,2-ethanediyl), . alpha[(1,1,3,3-tetramethylbutyl)			DIN 51758					
	Enzyme Mix ILM Edetic acid Poly(oxy-1,2-ethanediyl), . alpha[(1,1,3,3-tetramethylbutyl) phenyl]omegahydroxy-			DIN 51758					
	Enzyme Mix ILM Edetic acid Poly(oxy-1,2-ethanediyl), . alpha[(1,1,3,3-tetramethylbutyl) phenyl]omegahydroxy- SureSelect QXT Buffer Poly(oxy-1,2-ethanediyl), . alpha[>109.85	>229.7	DIN 51758					
	Enzyme Mix ILM Edetic acid Poly(oxy-1,2-ethanediyl), . alpha[(1,1,3,3-tetramethylbutyl) phenyl]omegahydroxy- SureSelect QXT Buffer Poly(oxy-1,2-ethanediyl), . alpha[(1,1,3,3-tetramethylbutyl)	>109.85	>229.7	DIN 51758	177	350.6			
	Enzyme Mix ILM Edetic acid Poly(oxy-1,2-ethanediyl), . alpha[(1,1,3,3-tetramethylbutyl) phenyl]omegahydroxy- SureSelect QXT Buffer Poly(oxy-1,2-ethanediyl), . alpha[(1,1,3,3-tetramethylbutyl) phenyl]omegahydroxy-	>109.85	>229.7	DIN 51758	177	350.6			
	Enzyme Mix ILM Edetic acid Poly(oxy-1,2-ethanediyl), . alpha[(1,1,3,3-tetramethylbutyl) phenyl]omegahydroxy- SureSelect QXT Buffer Poly(oxy-1,2-ethanediyl), . alpha[(1,1,3,3-tetramethylbutyl) phenyl]omegahydroxy- Glycerol Herculase II Fusion	>109.85	>229.7	DIN 51758 DIN 51758	177	350.6			
	Enzyme Mix ILM Edetic acid Poly(oxy-1,2-ethanediyl), . alpha[(1,1,3,3-tetramethylbutyl) phenyl]omegahydroxy- SureSelect QXT Buffer Poly(oxy-1,2-ethanediyl), . alpha[(1,1,3,3-tetramethylbutyl) phenyl]omegahydroxy- Glycerol Herculase II Fusion DNA Polymerase	>109.85	>229.7 >229.7		177	350.6			
	Enzyme Mix ILM Edetic acid Poly(oxy-1,2-ethanediyl), . alpha[(1,1,3,3-tetramethylbutyl) phenyl]omegahydroxy- SureSelect QXT Buffer Poly(oxy-1,2-ethanediyl), . alpha[(1,1,3,3-tetramethylbutyl) phenyl]omegahydroxy- Glycerol Herculase II Fusion DNA Polymerase Edetic acid	>109.85 >109.85	>229.7 >229.7 >212		177	350.6			

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ć	and chemical	prope	erties	and safe	ty cha	aracte	ristics
	phenyl]omegahydroxy-						
	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						
	Edetic acid	>100	>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						
	Edetic acid	>100	>212	DIN 51758			
	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	>100	>212	DIN 51758			
	SureSelect QXT P7 i10						
	Edetic acid	>100	>212	DIN 51758			
	SureSelect QXT P7 i11						
	Edetic acid	>100	>212	DIN 51758			
	SureSelect QXT P7 i12						

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sical a	and chemical	prope	erties	and safe	ety cha	aracte	eristics	
	Edetic acid	>100	>212	DIN 51758				Τ
	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							
	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				
	SureSelect QXT P5 i20							
	Edetic acid	>100	>212	DIN 51758				
	SureSelect QXT Index 2 Read Primer							
	Edetic acid	>100	>212	DIN 51758				
	ØMSO SuraSalaat OXT Enzy	ma Mix II		6 (butyl acetate available.	e = 1)			
	SureSelect QXT Enzy SureSelect QXT Buffe			available.				
	Herculase II Fusion D	NA	Not a	available.				
	Polymerase SureSelect QXT Index	x 1 Read	Nota	available.				
	Primer SureSelect QXT Read	d Drimor 1	Not	available.				
	SureSelect QXT Read			available.				
	SureSelect QXT P7 i1			available.				
	SureSelect QXT P7 i2			available.				
	SureSelect QXT P7 i3			available.				
	SureSelect QXT P7 i4 SureSelect QXT P7 i5			available. available.				
	SureSelect QXT P7 i6			available.				
	SureSelect QXT P7 i7			available.				
	SureSelect QXT P7 i8			available.				
	SureSelect QXT P7 is SureSelect QXT P7 i1			available. available.				
	SureSelect QXT P7 i1			available.				
	SureSelect QXT P7 i1	2	Not a	available.				
	SureSelect QXT P5 i1 SureSelect QXT P5 i1			available. available.				
		-+	INOL	avaliable.				

Evaporation rate

Dection 5.1 hysical	i and chemical propert	
	SureSelect QXT P5 i15	Not available.
	SureSelect QXT P5 i16	Not available.
	SureSelect QXT P5 i17	Not available.
	SureSelect QXT P5 i18	Not available.
	SureSelect QXT P5 i19	Not available.
	SureSelect QXT P5 i20	Not available.
	100 mM dNTP Mix	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect QXT Index 2 Read	Not available.
Flammability		Not applicable.
	SureSelect QXT Enzyme Mix ILM	Not applicable.
	SureSelect QXT Buffer	Not applicable.
	Herculase II Fusion DNA Polymerase	Not applicable.
	SureSelect QXT Index 1 Read	Not applicable.
	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 SureSelect QXT P5 i15	Not applicable. Not applicable.
	SureSelect QXT P5115 SureSelect QXT P5 i16	Not applicable.
	SureSelect QXT P5110	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	Not applicable.
	Primer	
Lower and upper explosion	: DMSO	Lower: 2.6%
limit/flammability limit		Upper: 28.5%
	SureSelect QXT Enzyme Mix ILM	Not available.
	SureSelect QXT Buffer	Not available.
	Herculase II Fusion DNA	Not available.
	Polymerase SureSelect QXT Index 1 Read	Not available.
	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.

					<u> </u>				
	SureSelect QXT P7 i8			available.					
	SureSelect QXT P7 is			available.					
	SureSelect QXT P7 i1			available.					
	SureSelect QXT P7 i1			available.					
	SureSelect QXT P7 i1			available.					
	SureSelect QXT P5 i1			available.					
	SureSelect QXT P5 i1			available.					
	SureSelect QXT P5 i1			available.					
	SureSelect QXT P5 i1	16	Not a	available.					
	SureSelect QXT P5 i1		Not a	available.					
	SureSelect QXT P5 i1		Not a	available.					
	SureSelect QXT P5 i1	19	Not a	available.					
	SureSelect QXT P5 i2	20	Not a	available.					
	100 mM dNTP Mix		Not a	available.					
	5X Herculase II Reac	tion Buffer	Not a	available.					
	SureSelect QXT Inde	x 2 Read	Not a	available.					
	Primer								
Vapor pressure	D MSO			6 kPa (0.42 n	nm Hg) [E	U A.4]			
	SureSelect QXT Enzy		.M Not a	available.					
	SureSelect QXT Buffe			available.					
	Herculase II Fusion D	NA	Not a	available.					
	Polymerase								
	SureSelect QXT Inde	x 1 Read	Not a	available.					
	Primer								
	SureSelect QXT Read			available.					
	SureSelect QXT Read			available.					
	SureSelect QXT P7 i1			available.					
	SureSelect QXT P7 i2			Not available.					
	SureSelect QXT P7 i3			Not available.					
	SureSelect QXT P7 i4			available.					
	SureSelect QXT P7 is			available.					
	SureSelect QXT P7 if			available.					
	SureSelect QXT P7 i7			available.					
	SureSelect QXT P7 i8			available.					
	SureSelect QXT P7 is			available.					
	SureSelect QXT P7 i1			available.					
	SureSelect QXT P7 i1			available.					
	SureSelect QXT P7 i1			available.					
	SureSelect QXT P5 i1			available.					
	SureSelect QXT P5 i1			available.					
	SureSelect QXT P5 i1			available.					
	SureSelect QXT P5 i1			available.					
	SureSelect QXT P5 i1			available.					
	SureSelect QXT P5 i1			available.					
	SureSelect QXT P5 i1			available.					
	SureSelect QXT P5 i2	20		available.					
	100 mM dNTP Mix			available.					
	5X Herculase II Reac			available.					
	SureSelect QXT Inde	x 2 Read	Not a	available.					
	Primer	1			1				
		Vapo	r Pressu	re at 20°C	Va	oor pressu	ure at 50°C		
	Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method		
					+ ~				
		1		1	1	1	1		

č	and chemical	prope	erties	and safe	ety cha	aracte	ristics
	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	
	2-Amino-2- (hydroxymethyl)propane-	0.000027	0.0000036		0.000007501	0.000001	
							-

č	and chemical	prope	erties	and sate	ety cha	aracte	ristics
	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	
20							74/404

and chemical	prope	erues	anu sale	ty Ch	aracteristics	
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
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						

Section 9. Physic	ai and chemica	i prope	erties	anu sai	ety ch	aracte	1151165
	water	23.8	3.2		92.258	12.3	
	5X Herculase II Reaction Buffer						
					00.050	40.0	
	water	23.8	3.2		92.258	12.3	
	Sulfuric acid, magnesium salt, hydrate (1:1:7)	<0.1	<0.013				
	SureSelect QXT Index 2 Read Primer						
	water	23.8	3.2		92.258	12.3	
	2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
Relative vapor density	: DMSO		2.7	Air = 1]	•		
	SureSelect QXT Enz	yme Mix I	LM Not	available.			
	SureSelect QXT Buf			available.			
	Herculase II Fusion I	DNA	Not	available.			
	Polymerase SureSelect QXT Inde Primer	ex 1 Read	Not	available.			
	SureSelect QXT Rea	d Primer 1	Not	available.			
	SureSelect QXT Rea			available.			
	SureSelect QXT P7 i			available.			
	SureSelect QXT P7 i	2	Not	available.			
	SureSelect QXT P7 i	3	Not	available.			
	SureSelect QXT P7 i			available.			
	SureSelect QXT P7 i			available.			
	SureSelect QXT P7 i			available.			
	SureSelect QXT P7 i SureSelect QXT P7 i			available. available.			
	SureSelect QXT P7 i			available.			
	SureSelect QXT P7 i			available.			
	SureSelect QXT P7 i			available.			
	SureSelect QXT P7 i			available.			
	SureSelect QXT P5 i			available.			
	SureSelect QXT P5 i	14	Not	available.			
	SureSelect QXT P5 i	15	Not	available.			
	SureSelect QXT P5 i			available.			
	SureSelect QXT P5 i			available.			
	SureSelect QXT P5 i			available.			
	SureSelect QXT P5 i SureSelect QXT P5 i			available. available.			
	100 mM dNTP Mix	20		available.			
	5X Herculase II Read	ction Buffe		available.			
	SureSelect QXT Inde			available.			
	Primer						
Relative density	: MSO		1.1				
	SureSelect QXT Enz			available.			
	SureSelect QXT Buf			available.			
	Herculase II Fusion [JNA	NOT	available.			
	Polymerase SureSelect QXT Inde	y 1 Read	Not	available.			
	Primer	- I I Cau	NUL				
	SureSelect QXT Rea	d Primer 1	Not	available.			
	SureSelect QXT Rea			available.			
	SureSelect QXT P7			available.			

		-
	SureSelect QXT P7 i2	Not available.
	SureSelect QXT P7 i3	Not available.
	SureSelect QXT P7 i4	Not available.
	SureSelect QXT P7 i5	Not available.
	SureSelect QXT P7 i6	Not available.
	SureSelect QXT P7 i7	Not available.
	SureSelect QXT P7 i8	Not available.
	SureSelect QXT P7 i9	Not available.
	SureSelect QXT P7 i10	Not available.
	SureSelect QXT P7 i11	Not available.
	SureSelect QXT P7 i12	Not available.
	SureSelect QXT P5 i13	Not available.
	SureSelect QXT P5 i14	Not available.
	SureSelect QXT P5 i15	Not available.
	SureSelect QXT P5 i16	Not available.
	SureSelect QXT P5 i17	Not available.
	SureSelect QXT P5 i18	Not available.
	SureSelect QXT P5 i19	Not available.
	SureSelect QXT P5 i20	Not available.
	100 mM dNTP Mix	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect QXT Index 2 Read	Not available.
O a luch iliter	Primer	Easily adulta in the following materials, add water
Solubility	: ØMSO	Easily soluble in the following materials: cold water
		and hot water.
	SureSelect QXT Enzyme Mix ILM	
		hot water.
	SureSelect QXT Buffer	Soluble in the following materials: cold water and
		hot water.
	Herculase II Fusion DNA	Soluble in the following materials: cold water and
	Polymerase	hot water.
	SureSelect QXT Index 1 Read	Easily soluble in the following materials: cold water
	Primer	and hot water.
	SureSelect QXT Read Primer 1	Easily soluble in the following materials: cold water
		and hot water.
	SureSelect QXT Read Primer 2	Easily soluble in the following materials: cold water
		and hot water.
	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
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h		

	SureSelect QXT P5 i13	and hot water. 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
	SureSelect QXT P5 i16	and hot water. 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
	SureSelect QXT P5 i19	and hot water. 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	Easily soluble in the following materials: cold water
	Primer	and hot water.
Partition coefficient: n- :	DMSO	-1.35
octanol/water	SureSelect QXT Enzyme Mix ILM	• •
	SureSelect QXT Buffer	Not applicable.
	Herculase II Fusion DNA	Not applicable.
	Polymerase SureSelect QXT Index 1 Read	Not applicable.
	Primer	
	SureSelect QXT Read Primer 1	Not applicable.
	SureSelect QXT Read Primer 2	Not applicable.
	SureSelect QXT P7 i1	Not applicable.
	SureSelect QXT P7 i2	Not applicable.
	SureSelect QXT P7 i3	Not applicable.
	SureSelect QXT P7 i4 SureSelect QXT P7 i5	Not applicable.
	SureSelect QXT P7 i6	Not applicable. 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 SureSelect QXT P5 i14	Not applicable. 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 5X Herculase II Reaction Buffer	Not applicable.
	SvineSelect QXT Index 2 Read	Not applicable. Not applicable.
	Primer	

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Auto-ignition temperature :	ØMSO		2°C (572 to 57	5.6°F)
	SureSelect QXT Enzyme Mix ILN			
	SureSelect QXT Buffer	Not availa		
	Herculase II Fusion DNA Polymerase	Not availal	ble.	
	SureSelect QXT Index 1 Read	Not availal	ble.	
	SureSelect QXT Read Primer 1	Not availal	hla	
	SureSelect QXT Read Primer 2	Not availal		
	SureSelect QXT P7 i1	Not availab		
	SureSelect QXT P7 i2	Not availal		
	SureSelect QXT P7 i3	Not availal		
	SureSelect QXT P7 i4	Not availal		
	SureSelect QXT P7 i5	Not availal		
	SureSelect QXT P7 i6	Not availal		
	SureSelect QXT P7 i7	Not availal	ble.	
	SureSelect QXT P7 i8	Not availal	ble.	
	SureSelect QXT P7 i9	Not availal	ble.	
	SureSelect QXT P7 i10	Not availal	ble.	
	SureSelect QXT P7 i11	Not availal	ble.	
	SureSelect QXT P7 i12	Not availal		
	SureSelect QXT P5 i13	Not availal		
	SureSelect QXT P5 i14	Not availal		
	SureSelect QXT P5 i15	Not availal		
	SureSelect QXT P5 i16	Not availab		
	SureSelect QXT P5 i17	Not availab		
	SureSelect QXT P5 i18	Not availal		
	SureSelect QXT P5 i19 SureSelect QXT P5 i20	Not availal Not availal		
	100 mM dNTP Mix	Not availal		
	5X Herculase II Reaction Buffer	Not availal		
	SureSelect QXT Index 2 Read Primer	Not availal		
	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	
	Giyceioi	570	090	
	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

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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
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
		100		
	SureSelect QXT P5 i17			
		>100	>752	
	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			
Decomposition temperature :	D MSO	140 to 189	°C (284 to 37	'2.2°F)
	SureSelect QXT Enzyme Mix ILN	1 Not availat	ole.	
	SureSelect QXT Buffer	Not availat		
	Herculase II Fusion DNA	Not availat	ole.	
	Polymerase SureSelect QXT Index 1 Read	Not availat	ole.	
	Primer		.1	
	SureSelect QXT Read Primer 1 SureSelect QXT Read Primer 2	Not availat Not availat		
	SureSelect QXT Read Primer 2 SureSelect QXT P7 i1	Not availat		
	SureSelect QXT P7 i2	Not availab		
	SureSelect QXT P7 i3	Not availab		
	SureSelect QXT P7 i4	Not availab		
	SureSelect QXT P7 i5	Not availab		
	SureSelect QXT P7 i6	Not availat	ole.	
	SureSelect QXT P7 i7	Not availat	ole.	
	SureSelect QXT P7 i8	Not availat	ole.	
	SureSelect QXT P7 i9	Not availat	ole.	
	SureSelect QXT P7 i10	Not availat	ole.	
	SureSelect QXT P7 i11	Not availat	ole.	
	SureSelect QXT P7 i12	Not availat		
	SureSelect QXT P5 i13	Not availat		
	SureSelect QXT P5 i14	Not availat		
	SureSelect QXT P5 i15	Not availab		
	SureSelect QXT P5 i16	Not availab		
	SureSelect QXT P5 i17	Not availab		
	SureSelect QXT P5 i18	Not availab		
	SureSelect QXT P5 i19	Not availab		
	SureSelect QXT P5 i20 100 mM dNTP Mix	Not availab		
	5X Herculase II Reaction Buffer	Not availat Not availat		
	SureSelect QXT Index 2 Read	Not availat		
	Primer	_		
Viscosity :	MSO		2.14 mPa·s (2	2.14 cP)
	SureSelect QXT Enzyme Mix ILN			
	SureSelect QXT Buffer	Not availat		
	Herculase II Fusion DNA Polymerase	Not availat	DIE.	
	-			
	SureSelect QXT Index 1 Read Primer	Not availat	ole.	

eeessen er rigerear	and onennear propert	
	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 SureSelect QXT P7 i8	Not available. Not available.
	SureSelect QXT P7 i9	Not available.
	SureSelect QXT P7 i10	Not available.
	SureSelect QXT P7 i11	Not available.
	SureSelect QXT P7 i12	Not available.
	SureSelect QXT P5 i13	Not available.
	SureSelect QXT P5 i14	Not available.
	SureSelect QXT P5 i15	Not available.
	SureSelect QXT P5 i16	Not available.
	SureSelect QXT P5 i17	Not available.
	SureSelect QXT P5 i18	Not available.
	SureSelect QXT P5 i19	Not available.
	SureSelect QXT P5 i20	Not available.
	100 mM dNTP Mix	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect QXT Index 2 Read	Not available.
Particle characteristics	Primer	
	₽ MSO	Not applicable
Median particle size	SureSelect QXT Enzyme Mix ILM	Not applicable. Not applicable.
	SureSelect QXT Enzyme Mix 12M	Not applicable.
	Herculase II Fusion DNA	Not applicable.
	Polymerase	
	SureSelect QXT Index 1 Read	Not applicable.
	Primer	
	SureSelect QXT Read Primer 1	Not applicable.
	SureSelect QXT Read Primer 2	Not applicable.
	SureSelect QXT P7 i1	Not applicable.
	SureSelect QXT P7 i2	Not applicable.
	SureSelect QXT P7 i3	Not applicable.
	SureSelect QXT P7 i4	Not applicable.
	SureSelect QXT P7 i5	Not applicable.
	SureSelect QXT P7 i6	Not applicable.
	SureSelect QXT P7 i7	Not applicable.
	SureSelect QXT P7 i8	Not applicable.
	SureSelect QXT P7 i9	Not applicable.
	SureSelect QXT P7 i10	Not applicable.
	SureSelect QXT P7 i11	Not applicable.
	SureSelect QXT P7 i12	Not applicable.
	SureSelect QXT P5 i13	Not applicable.
	SureSelect QXT P5 i14	Not applicable.
	SureSelect QXT P5 i15 SureSelect QXT P5 i16	Not applicable. Not applicable.
	SureSelect QXT P5116 SureSelect QXT P5 i17	Not applicable.
	SureSelect QXT P5117 SureSelect QXT P5 i18	Not applicable.
	SureSelect QXT P5 118	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	Not applicable.

10.1 Reactivity	: DMSO	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect QXT Enzyme Mix ILM	No specific test data related to reactivity available
	SureSelect QXT Buffer	for this product or its ingredients. No specific test data related to reactivity available
	Herculase II Fusion DNA	for this product or its ingredients. No specific test data related to reactivity available
	Polymerase	for this product or its ingredients.
	SureSelect QXT Index 1 Read	No specific test data related to reactivity available
	Primer	for this product or its ingredients.
	SureSelect QXT Read Primer 1	No specific test data related to reactivity available
	SureSelect QXT Read Primer 2	for this product or its ingredients. No specific test data related to reactivity available
	Suredelect QAT Read Thinler 2	for this product or its ingredients.
	SureSelect QXT P7 i1	No specific test data related to reactivity available
		for this product or its ingredients.
	SureSelect QXT P7 i2	No specific test data related to reactivity available
		for this product or its ingredients.
	SureSelect QXT P7 i3	No specific test data related to reactivity available
		for this product or its ingredients.
	SureSelect QXT P7 i4	No specific test data related to reactivity available
		for this product or its ingredients.
	SureSelect QXT P7 i5	No specific test data related to reactivity available
		for this product or its ingredients.
	SureSelect QXT P7 i6	No specific test data related to reactivity available
		for this product or its ingredients.
	SureSelect QXT P7 i7	No specific test data related to reactivity available
	Sure Select OVT D7 i9	for this product or its ingredients.
	SureSelect QXT P7 i8	No specific test data related to reactivity available
	SureSelect QXT P7 i9	for this product or its ingredients. 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
	SureSelect OVT D5 i17	for this product or its ingredients.
	SureSelect QXT P5 i17	No specific test data related to reactivity available
	SureSelect QXT P5 i18	for this product or its ingredients. No specific test data related to reactivity available
	Suleselect QAT F3110	for this product or its ingredients.
	SureSelect QXT P5 i19	No specific test data related to reactivity available
		for this product or its ingredients.
	SureSelect QXT P5 i20	No specific test data related to reactivity available
		for this product or its ingredients.
	100 mM dNTP Mix	No specific test data related to reactivity available
		for this product or its ingredients.
	5X Herculase II Reaction Buffer	No specific test data related to reactivity available

	and reactivity	
		for this product or its ingredients.
	SureSelect QXT Index 2 Read	No specific test data related to reactivity available
	Primer	for this product or its ingredients.
		···· ···· ··· ···· ···················
		<u>-</u>
10.2 Chemical stability :	ØMSO	The product is stable.
	SureSelect QXT Enzyme Mix ILM	The product is stable.
	SureSelect QXT Buffer	The product is stable.
	Herculase II Fusion DNA	The product is stable.
	Polymerase	
	SureSelect QXT Index 1 Read	The product is stable.
	Primer	
	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 P5110 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 Buffer	The product is stable.
		The product is stable.
	SureSelect QXT Index 2 Read	The product is stable.
	Primer	
10.3 Possibility of :	ØMSO	Under normal conditions of storage and use,
hazardous reactions		hazardous reactions will not occur.
	SureSelect QXT Enzyme Mix ILM	Under normal conditions of storage and use,
	-	hazardous reactions will not occur.
	SureSelect QXT Buffer	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	Herculase II Fusion DNA	Under normal conditions of storage and use,
	Polymerase	hazardous reactions will not occur.
	SureSelect QXT Index 1 Read	Under normal conditions of storage and use,
	Primer	hazardous reactions will not occur.
	SureSelect QXT Read Primer 1	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect QXT Read Primer 2	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect QXT P7 i1	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect QXT P7 i2	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect QXT P7 i3	Under normal conditions of storage and use,
	·	hazardous reactions will not occur.
	SureSelect QXT P7 i4	Under normal conditions of storage and use,

		hazardous reactions will not occur.
	SureSelect QXT P7 i5	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect QXT P7 i6	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect QXT P7 i7	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect QXT P7 i8	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect QXT P7 i9	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect QXT P7 i10	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect QXT P7 i11	
		Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect QXT P7 i12	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect QXT P5 i13	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect QXT P5 i14	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect QXT P5 i15	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect QXT P5 i16	Under normal conditions of storage and use,
	Sureceieet QXTT 5110	hazardous reactions will not occur.
	SuraSalaat OVT DE i17	
	SureSelect QXT P5 i17	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect QXT P5 i18	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect QXT P5 i19	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect QXT P5 i20	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	100 mM dNTP Mix	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	5X Herculase II Reaction Buffer	Under normal conditions of storage and use,
		hazardous reactions will not occur.
	SureSelect QXT Index 2 Read	
		Under normal conditions of storage and use,
	Primer	hazardous reactions will not occur.
10.4 Conditions to avoid :	DMSO	Avoid all possible sources of ignition (spark or
		flame). Do not pressurize, cut, weld, braze, solder,
		drill, grind or expose containers to heat or sources
		of ignition. Do not allow vapor to accumulate in low
		or confined areas.
	SureSelect OVT Engures Mix II M	
	SureSelect QXT Enzyme Mix ILM	No specific data.
	SureSelect QXT Buffer	No specific data.
	Herculase II Fusion DNA	No specific data.
	Polymerase	
	SureSelect QXT Index 1 Read	No specific data.
	Primer	
	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.

	ana roadanny	
	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	No specific data.
	Primer	
10.5 Incompatible materials :	₽ MSO	Reactive or incompatible with the following materials:
	SuraSalact OXT Enzyma Mix II M	oxidizing materials
	SureSelect QXT Enzyme Mix ILM	May react or be incompatible with oxidizing materials.
	SureSelect QXT Buffer	May react or be incompatible with oxidizing
	Herculase II Fusion DNA	materials.
		May react or be incompatible with oxidizing materials.
	Polymerase SureSelect QXT Index 1 Read	May react or be incompatible with oxidizing
	Primer	materials.
	SureSelect QXT Read Primer 1	May react or be incompatible with oxidizing
		materials.
	SureSelect QXT Read Primer 2	May react or be incompatible with oxidizing
		materials.
	SureSelect QXT P7 i1	May react or be incompatible with oxidizing
		materials.
	SureSelect QXT P7 i2	May react or be incompatible with oxidizing
		materials.
	SureSelect QXT P7 i3	May react or be incompatible with oxidizing
		materials.
	SureSelect QXT P7 i4	May react or be incompatible with oxidizing
		materials.
	SureSelect QXT P7 i5	May react or be incompatible with oxidizing
		materials.
	SureSelect QXT P7 i6	May react or be incompatible with oxidizing
		materials.
	SureSelect QXT P7 i7	May react or be incompatible with oxidizing
		materials.
	SureSelect QXT P7 i8	May react or be incompatible with oxidizing
		materials.
	SureSelect QXT P7 i9	May react or be incompatible with oxidizing
		materials.
	SureSelect QXT P7 i10	May react or be incompatible with oxidizing
		materials.
	SureSelect QXT P7 i11	May react or be incompatible with oxidizing
		materials.
	SureSelect QXT P7 i12	May react or be incompatible with oxidizing
		materials.
	SureSelect QXT P5 i13	May react or be incompatible with oxidizing
		materials.
	SureSelect QXT P5 i14	May react or be incompatible with oxidizing

Date of issue : 04/18/2	2022	84/10
	SureSelect QXT P7 i7	Under normal conditions of storage and use,
	SureSelect QXT P7 i6	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 i4	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
		hazardous decomposition products should not be produced.
	SureSelect QXT P7 i3	hazardous decomposition products should not be produced. Under normal conditions of storage and use,
	SureSelect QXT P7 i2	hazardous decomposition products should not be produced. Under normal conditions of storage and use,
	SureSelect QXT Read Primer 2 SureSelect QXT P7 i1	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use,
	SureSelect QXT Read Primer 1	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureSelect QXT Index 1 Read Primer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Herculase II Fusion DNA Polymerase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureSelect QXT Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	SureSelect QXT Enzyme Mix ILM	produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
10.6 Hazardous decomposition products	: DMSO	Under normal conditions of storage and use, hazardous decomposition products should not be
	SureSelect QXT Index 2 Read Primer	May react or be incompatible with oxidizing materials.
	5X Herculase II Reaction Buffer	materials. May react or be incompatible with oxidizing materials.
	100 mM dNTP Mix	materials. May react or be incompatible with oxidizing
	SureSelect QXT P5 i20	materials. May react or be incompatible with oxidizing
	SureSelect QXT P5 i19	materials. May react or be incompatible with oxidizing
	SureSelect QXT P5 i18	May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing
	SureSelect QXT P5 i16 SureSelect QXT P5 i17	May react or be incompatible with oxidizing materials.
		materials.

	hazardous decomposition products should not be produced.
SureSelect QXT P7 i8	Under normal conditions of storage and use, hazardous decomposition products should not be
	produced.
SureSelect QXT P7 i9	Under normal conditions of storage and use,
	hazardous decomposition products should not be
	produced.
SureSelect QXT P7 i10	Under normal conditions of storage and use,
	hazardous decomposition products should not be produced.
SureSelect QXT P7 i11	Under normal conditions of storage and use,
	hazardous decomposition products should not be produced.
SureSelect QXT P7 i12	Under normal conditions of storage and use,
	hazardous decomposition products should not be produced.
SureSelect QXT P5 i13	Under normal conditions of storage and use,
	hazardous decomposition products should not be produced.
SureSelect QXT P5 i14	Under normal conditions of storage and use,
	hazardous decomposition products should not be produced.
SureSelect QXT P5 i15	Under normal conditions of storage and use,
	hazardous decomposition products should not be
	produced.
SureSelect QXT P5 i16	Under normal conditions of storage and use,
	hazardous decomposition products should not be produced.
SureSelect QXT P5 i17	Under normal conditions of storage and use,
	hazardous decomposition products should not be
	produced.
SureSelect QXT P5 i18	Under normal conditions of storage and use,
	hazardous decomposition products should not be
	produced.
SureSelect QXT P5 i19	Under normal conditions of storage and use,
	hazardous decomposition products should not be produced.
SureSelect QXT P5 i20	Under normal conditions of storage and use,
	hazardous decomposition products should not be
	produced.
100 mM dNTP Mix	Under normal conditions of storage and use,
	hazardous decomposition products should not be produced.
5X Herculase II Reaction Buffer	Under normal conditions of storage and use,
	hazardous decomposition products should not be
	produced.
SureSelect QXT Index 2 Read Primer	Under normal conditions of storage and use, hazardous decomposition products should not be
	produced.

Section 11. Toxicological information

11.1 Information on toxicological effects Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
D MSO				
Dimethyl sulfoxide	LD50 Dermal	Rat	40000 mg/kg	-
	LD50 Oral	Rat	14500 mg/kg	-
SureSelect QXT Enzyme				
Mix ILM				
Glycerol	LD50 Oral	Rat	12600 mg/kg	-
Potassium chloride	LD50 Oral	Rat	2600 mg/kg	-
SureSelect QXT Buffer				
Glycerol	LD50 Oral	Rat	12600 mg/kg	-
Herculase II Fusion DNA				
Polymerase				
Glycerol	LD50 Oral	Rat	12600 mg/kg	-
5X Herculase II Reaction				
Buffer				
Trometamol	LD50 Dermal	Rat	>5000 mg/kg	-
Ammonium sulphate	LD50 Oral	Rat	2840 mg/kg	-
Hexadecan-1-ol, ethoxylated	LD50 Oral	Rat	2500 mg/kg	-

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	-
	Skin - Mild irritant	Rabbit	-	mg 100 mg	-
SureSelect QXT Enzyme					
Mix ILM					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
	Okin Mild imitant	Debbit		mg	
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
Potassium chloride	Eyes - Mild irritant	Rabbit	_	24 hours 500	-
		T CODDIC		mg	
SureSelect QXT Buffer					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
Herculase II Fusion DNA					
Polymerase					
Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
5X Herculase II Reaction Buffer					
Trometamol	Skin - Moderate irritant	Rabbit	-	25 %	
nometanioi		Tabbit	-	20 /0	1-

	Skin - Severe irritant	Rabbit	-	500 mg	-
Sensitization			· · ·		
Not available.					
<u>Mutagenicity</u>					
Conclusion/Summary	: Not available.				
Carcinogenicity					
Conclusion/Summary	: Not available.				
Reproductive toxicity					
Conclusion/Summary	: Not available.				
Teratogenicity					
Conclusion/Summary	: Not available.				
Specific target organ toxic	<u>city (single exposure)</u>				
Name		Category	Route c exposu		Target organs

Name		exposure	l'arget organs
5X Herculase II Reaction Buffer Trometamol	Category 3		Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure	: DMSO	Routes of entry anticipated: Oral, Dermal, Inhalation.
	SureSelect QXT Enzyme Mix ILM	Routes of entry anticipated: Oral, Dermal, Inhalation.
	SureSelect QXT Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Herculase II Fusion DNA	Routes of entry anticipated: Oral, Dermal,
	Polymerase	Inhalation.
	SureSelect QXT Index 1 Read Primer	Not available.
	SureSelect QXT Read Primer 1	Not available.
	SureSelect QXT Read Primer 2	Not available.
	SureSelect QXT P7 i1	Not available.
	SureSelect QXT P7 i2	Not available.
	SureSelect QXT P7 i3	Not available.
	SureSelect QXT P7 i4	Not available.
	SureSelect QXT P7 i5	Not available.
	SureSelect QXT P7 i6	Not available.
	SureSelect QXT P7 i7	Not available.
	SureSelect QXT P7 i8	Not available.
	SureSelect QXT P7 i9	Not available.
	SureSelect QXT P7 i10	Not available.
	SureSelect QXT P7 i11	Not available.
	SureSelect QXT P7 i12	Not available.
	SureSelect QXT P5 i13	Not available.
	SureSelect QXT P5 i14	Not available.
	SureSelect QXT P5 i15	Not available.
	SureSelect QXT P5 i16	Not available.
	SureSelect QXT P5 i17	Not available.
	SureSelect QXT P5 i18	Not available.
	SureSelect QXT P5 i19	Not available.

	SureSelect QXT P5 i20 100 mM dNTP Mix	Not available. Not available.
	5X Herculase II Reaction Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
	SureSelect QXT Index 2 Read	Not available.
Potential acute health effects	Primer	
Eye contact :	MSO	Causes eye irritation.
	SureSelect QXT Enzyme Mix ILM SureSelect QXT Buffer	Causes eye irritation. Causes eye irritation.
	Herculase II Fusion DNA	Causes eye irritation.
	Polymerase	
	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 SureSelect QXT P7 i4	No known significant effects or critical hazards.
	SureSelect QXT P7 i5	No known significant effects or critical hazards. 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 SureSelect QXT P5 i18	No known significant effects or critical hazards.
	SureSelect QXT P5118 SureSelect QXT P5 i19	No known significant effects or critical hazards. 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.
Inhalation :	ØMSO	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 SureSelect QXT P7 i6	No known significant effects or critical hazards. No known significant effects or critical hazards.
	SureSelect QXT P7 io	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.

	ogioar information	
	SureSelect QXT P7 i12	No known significant effects or critical hazards.
	SureSelect QXT P5 i13	No known significant effects or critical hazards.
	SureSelect QXT P5 i14	No known significant effects or critical hazards.
	SureSelect QXT P5 i15	No known significant effects or critical hazards.
	SureSelect QXT P5 i16	No known significant effects or critical hazards.
	SureSelect QXT P5 i17	No known significant effects or critical hazards.
	SureSelect QXT P5 i18	No known significant effects or critical hazards.
	SureSelect QXT P5 i19	No known significant effects or critical hazards.
	SureSelect QXT P5 i20	No known significant effects or critical hazards.
	100 mM dNTP Mix	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect QXT Index 2 Read	No known significant effects or critical hazards.
	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	5
	SureSelect QXT Index 1 Read	No known significant effects or critical hazards.
	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.
Ingestion :	ØMSO	No known significant effects or critical hazards.
ingestion .	SureSelect QXT Enzyme Mix ILM	No known significant effects or critical hazards.
	SureSelect QXT Enzyme Mix TEM	No known significant effects or critical hazards.
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	No known significant effects of childa hazards.
	SureSelect QXT Index 1 Read	No known significant effects or critical hazards.
	Primer	No known significant enects of childar 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.

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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 100 mM dNTP Mix 5X Herculase II Reaction Buffer SureSelect QXT Index 2 Read Primer

No known significant effects or critical hazards. No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: DMSO	Adverse symptoms may include the following: irritation watering
	SureSelect QXT Enzyme Mix ILM	irritation
		watering redness
	SureSelect QXT Buffer	Adverse symptoms may include the following: irritation
		watering
	Herculase II Fusion DNA	redness Adverse symptoms may include the following:
	Polymerase	
		irritation
		watering
	SureSelect QXT Index 1 Read	redness
	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.

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	- J	
	SureSelect QXT P5 i19	No specific data.
	SureSelect QXT P5 i20	No specific data.
	100 mM dNTP Mix	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
		-
	SureSelect QXT Index 2 Read Primer	No specific data.
Inhalation :	ØMSO	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	No specific data.
	Primer	
	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.
Skin contact :	DMSO	No specific data.
	SureSelect QXT Enzyme Mix ILM	No specific data.
	SureSelect QXT Buffer	No specific data.
	Herculase II Fusion DNA	No specific data.
	Polymerase	
	SureSelect QXT Index 1 Read	No specific data.
	Primer	I
	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.
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	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.
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		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	No specific data.
		Primer	
Ingestion		ØMSO	No specific data.
ingeotion		SureSelect QXT Enzyme Mix ILM	No specific data.
		SureSelect QXT Buffer	No specific data.
		Herculase II Fusion DNA	No specific data.
		Polymerase	
		SureSelect QXT Index 1 Read	No specific data.
		Primer	
		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	No specific data.
		Primer	
Deleved and trans. It is 15		and also also started the start of the	at and law of the sec
	cts	and also chronic effects from sho	rt and long term exposure
<u>Short term exposure</u>			
Potential immediate	:	Not available.	
effects			
Potential delayed effects		Not available.	
Long term exposure			
Potential immediate	1	Not available.	
offecto			

effects Potential delayed effects : Not available. Potential chronic health effects

General :	Ø MSO	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 Read	No known significant effects or critical hazards.
	Primer	0
	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	No known significant effects or critical hazards.
	Primer	
Carcinogenicity :	D MSO	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 Read	No known significant effects or critical hazards.
	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 SureSelect QXT P5 i15	No known significant effects or critical hazards. No known significant effects or critical hazards.
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	SureSelect QXT P5 i16	No known significant effects or critical hazards.
	SureSelect QXT P5 i16 SureSelect QXT P5 i17	No known significant effects or critical hazards. No known significant effects or critical hazards.
	SureSelect QXT P5 i16	No known significant effects or critical hazards.

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	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	No known significant effects or critical hazards.
	Primer	
Mutagenicity	: 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	, and the second s
	SureSelect QXT Index 1 Read Primer	No known significant effects or critical hazards.
	SureSelect QXT Read Primer 1	No known significant effects or critical hazards.
	SureSelect QXT Read Primer 2	No known significant effects or critical hazards.
	SureSelect QXT P7 i1	No known significant effects or critical hazards.
	SureSelect QXT P7 i2	No known significant effects or critical hazards.
	SureSelect QXT P7 i3	No known significant effects or critical hazards.
	SureSelect QXT P7 i4	No known significant effects or critical hazards.
	SureSelect QXT P7 i5	No known significant effects or critical hazards.
	SureSelect QXT P7 i6	No known significant effects or critical hazards.
	SureSelect QXT P7 i7	No known significant effects or critical hazards.
	SureSelect QXT P7 i8	No known significant effects or critical hazards.
	SureSelect QXT P7 i9	No known significant effects or critical hazards.
	SureSelect QXT P7 i10	No known significant effects or critical hazards.
	SureSelect QXT P7 i11	No known significant effects or critical hazards.
	SureSelect QXT P7 i12	No known significant effects or critical hazards.
	SureSelect QXT P5 i13	No known significant effects or critical hazards.
	SureSelect QXT P5 i14	No known significant effects or critical hazards.
	SureSelect QXT P5 i15	No known significant effects or critical hazards.
	SureSelect QXT P5 i16	
		No known significant effects or critical hazards.
	SureSelect QXT P5 i17	No known significant effects or critical hazards.
	SureSelect QXT P5 i18	No known significant effects or critical hazards.
	SureSelect QXT P5 i19	No known significant effects or critical hazards.
	SureSelect QXT P5 i20	No known significant effects or critical hazards.
	100 mM dNTP Mix	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect QXT Index 2 Read Primer	No known significant effects or critical hazards.
Reproductive toxicity	: 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	Ū.
	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.
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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 No known significant effects or critical hazards. No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates					
Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/ I)
₽ MSO					
Dimethyl sulfoxide	14500	40000	N/A	N/A	N/A
SureSelect QXT Enzyme Mix ILM SureSelect QXT Enzyme Mix ILM Glycerol Potassium chloride	139784.9 12600 2600	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A
SureSelect QXT Buffer Glycerol	12600	N/A	N/A	N/A	N/A
Herculase II Fusion DNA Polymerase Glycerol	12600	N/A	N/A	N/A	N/A
5X Herculase II Reaction Buffer					
5X Herculase II Reaction Buffer	112802.7	N/A	N/A	N/A	N/A
Ammonium sulphate	2840	N/A	N/A	N/A	N/A
Hexadecan-1-ol, ethoxylated	2500	N/A	N/A	N/A	N/A

Section 12. Ecological information

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	Algae - Ulva lactuca	72 hours
	Chronic NOEC 100 ul/L Fresh water	Daphnia - Daphnia magna - Juvenile (Fledgling, Hatchling, Weanling)	21 days
SureSelect QXT Enzyme Mix_ILM			
	Aguta I CEO 54000 mg/l Erach water	Fish Operhypehue mykies	96 hours
Glycerol Potassium chloride	Acute LC50 54000 mg/l Fresh water Acute EC50 1337000 µg/l Fresh water	Fish - Oncorhynchus mykiss Algae - Navicula seminulum	96 hours

Section 12. LCOIDE			
	Acute EC50 9.24 g/L Fresh water	Algae - Desmodesmus subspicatus	72 hours
	Acute EC50 83000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 9.68 mg/l Fresh water	Crustaceans - Pseudosida ramosa - Neonate	48 hours
	Acute LC50 509.65 mg/l Fresh water	Fish - Danio rerio	96 hours
SureSelect QXT Buffer Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
Herculase II Fusion DNA Polymerase Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours
5X Herculase II Reaction Buffer			
Trometamol	Acute EC50 >980 mg/l Fresh water	Daphnia	48 hours
	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 phase	96 hours
Hexadecan-1-ol, ethoxylated	Acute LC50 330000 to 1000000 μg/l Marine water	Crustaceans - Crangon crangon - Adult	48 hours

12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
DMSO Dimethyl sulfoxide	OECD 301D Ready Biodegradability - Closed Bottle Test	31 % - Not readily - 28 days	-	-
SureSelect QXT Enzyme Mix ILM Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
SureSelect QXT Buffer Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
Herculase II Fusion DNA Polymerase Glycerol	301D Ready Biodegradability - Closed Bottle Test	93 % - 30 days	-	-
5X Herculase II Reaction Buffer Trometamol	OECD 301F Ready Biodegradability -	97.1 % - Readily - 28 days	30 mg/l	-
Date of issue : 04/18/2	2022	1	<u> </u>	96/10

Section 12. Ecological information						
	Manometric Respirometry Test					
Product/ingredient name	Aquatic half-life		Photolysis		Biodegr	adability
DMSO						
Dimethyl sulfoxide	-		-		Not read	ily
SureSelect QXT Enzyme Mix ILM						
Potassium chloride	-		-		Readily	
5X Herculase II Reaction Buffer						
Trometamol	-		-		Readily	
Ammonium sulphate	-		-		Readily	
Hexadecan-1-ol, ethoxylated	-		-		Readily	

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
D MSO			
Dimethyl sulfoxide	-1.35	3.16	low
SureSelect QXT Enzyme			
Mix ILM			
Glycerol	-1.76	-	low
Potassium chloride	-0.46	-	low
SureSelect QXT Buffer			
Glycerol	-1.76	-	low
Herculase II Fusion DNA			
Polymerase			
Glycerol	-1.76	-	low
5X Herculase II Reaction			
Buffer			
Trometamol	-2.31	-	low
Ammonium sulphate	-5.1	-	low

12.4 Mobility in soil

Soil/water partition coefficient (Koc)

: Not available.

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

Section 13. Disposal considerations

13.1 Waste treatment methods

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

Section 13. Disposal considerations

when recycling is not feasible. 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 spilled material and runoff and contact with soil, waterways, drains and sewers.

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

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

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

Section 14. Transport information

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

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

Transport in bulk according : Not available. to IMO instruments

Section 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

U.S. Federal regulations	:	TSCA 8(a) PAIR : Poly(oxy-1,2-ethanediyl), .alpha[(1,1,3,3-tetramethylbutyl)phenyl] omegahydroxy-
		TSCA 8(a) CDR Exempt/Partial exemption: Not determined
		Clean Water Act (CWA) 311: Edetic acid
Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)	:	Listed
Clean Air Act Section 602 Class I Substances	:	Not listed
Clean Air Act Section 602 Class II Substances	:	Not listed
DEA List I Chemicals (Precursor Chemicals)	:	Not listed
DEA List II Chemicals (Essential Chemicals)	:	Not listed
SARA 302/304		
Composition/information c	on i	ngredients
No products were found.		
SARA 304 RQ	:	Not applicable.
<u>SARA 311/312</u>		

Section 15. Regulatory information

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	a33	 La		UI

: DMSO

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 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 100 mM dNTP Mix

5X Herculase II Reaction Buffer

SureSelect QXT Index 2 Read Primer

FLAMMABLE LIQUIDS - Category 4 EYE IRRITATION - Category 2B Not applicable. Not applicable.

Composition/information on ingredients

	1	1
Name	%	Classification
D MSO		
Dimethyl sulfoxide	100	FLAMMABLE LIQUIDS - Category 4 EYE IRRITATION - Category 2B
SureSelect QXT Enzyme Mix ILM		
Glycerol	≥25 - ≤50	EYE IRRITATION - Category 2B
Potassium chloride	≤3	EYE IRRITATION - Category 2B
SureSelect QXT Buffer		
Glycerol	≥50 - ≤75	EYE IRRITATION - Category 2B
Herculase II Fusion DNA Polymerase		
Glycerol	≥50 - ≤75	EYE IRRITATION - Category 2B
5X Herculase II Reaction Buffer		
Trometamol	≤3	COMBUSTIBLE DUSTS SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
Ammonium sulphate	≤3	EYE IRRITATION - Category 2A

<u>SARA 313</u>

	Product name	CAS number	%
Form R - Reporting requirements	X Herculase II Reaction Buffer Ammonium sulphate	7783-20-2	≤3
Supplier notification	5X Herculase II Reaction Buffer Ammonium sulphate	7783-20-2	≤3

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

Section 15. Regulatory information

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations	
Massachusetts	: The following components are listed: GLYCERINE MIST
New York	: None of the components are listed.
New Jersey	Phe following components are listed: GLYCERIN; 1,2,3-PROPANETRIOL; DIMETHYL SULFOXIDE; METHANE, SULFINYLBIS-
Pennsylvania	: The following components are listed: 1,2,3-PROPANETRIOL
California Prop. 65	

This product does not require a Safe Harbor warning under California Prop. 65.

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

Section 16. Other information

Procedure used to derive the classification

Section 16. Other information

Classification	Justification
DMSO	
FLAMMABLE LIQUIDS - Category 4	On basis of test data
EYE IRRITATION - Category 2B	On basis of test data
SureSelect QXT Enzyme Mix ILM	
EYE IRRITATION - Category 2B	Calculation method
SureSelect QXT Buffer	
EYE IRRITATION - Category 2B	Calculation method
Herculase II Fusion DNA Polymerase	
EYE IRRITATION - Category 2B	Calculation method

History

Date of issue	: 04/18/2022
Date of previous issue	: 02/17/2021
Version	: 5
Key to abbreviations	 ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = International Air Transport Association IBC = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available UN = United Nations

Indicates information that has changed from previously issued version.

Notice to reader

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