

SAFETY DATA SHEET



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

Section 1. Identification

Product identifier	: SureSelect QXT Library Prep Kit -NSQ-Box 2-96 Reactions, Part number 5500-0127
Part no. (chemical kit)	: 5500-0127
Part no.	: <input checked="" type="checkbox"/> DMSO 600260-53
	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

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

Material uses	: Analytical reagent.
	<input checked="" type="checkbox"/> DMSO 1 ml
	SureSelect QXT Enzyme Mix ILM 0.3 ml (96 reactions)
	SureSelect QXT Buffer 2.6 ml (96 reactions)
	Herculase II Fusion DNA Polymerase 0.31 ml (192 reactions)
	SureSelect QXT Index 1 Read Primer 2.4 ml (96 reactions)
	SureSelect QXT Read Primer 1 1.59 ml (96 reactions)
	SureSelect QXT Read Primer 2 1.6 ml (96 reactions)
	SureSelect QXT P7 i1 0.04 ml (96 reactions)
	SureSelect QXT P7 i2 0.04 ml (96 reactions)
	SureSelect QXT P7 i3 0.04 ml (96 reactions)
	SureSelect QXT P7 i4 0.04 ml (96 reactions)
	SureSelect QXT P7 i5 0.04 ml (96 reactions)
	SureSelect QXT P7 i6 0.04 ml (96 reactions)
	SureSelect QXT P7 i7 0.04 ml (96 reactions)
	SureSelect QXT P7 i8 0.04 ml (96 reactions)
	SureSelect QXT P7 i9 0.04 ml (96 reactions)
	SureSelect QXT P7 i10 0.04 ml (96 reactions)
	SureSelect QXT P7 i11 0.04 ml (96 reactions)
	SureSelect QXT P7 i12 0.04 ml (96 reactions)
	SureSelect QXT P5 i13 0.06 ml (96 reactions)

Section 1. Identification

SureSelect QXT P5 i14	0.06 ml (96 reactions)
SureSelect QXT P5 i15	0.06 ml (96 reactions)
SureSelect QXT P5 i16	0.06 ml (96 reactions)
SureSelect QXT P5 i17	0.06 ml (96 reactions)
SureSelect QXT P5 i18	0.06 ml (96 reactions)
SureSelect QXT P5 i19	0.06 ml (96 reactions)
SureSelect QXT P5 i20	0.06 ml (96 reactions)
100 mM dNTP Mix	0.16 ml (192 reactions)
5X Herculase II Reaction Buffer	0.35 ml (32 reactions)
SureSelect QXT Index 2 Read Primer	2.4 ml (96 reactions)

Supplier/Manufacturer : Agilent Technologies Australia Pty Ltd
679 Springvale Road
Mulgrave
Victoria 3170, Australia
1800 802 402

Emergency telephone number (with hours of operation) : CHEMTREC®: +(61)-290372994

Section 2. Hazard(s) identification

Classification of the substance or mixture

DMSO

H227 FLAMMABLE LIQUIDS - Category 4

5X Herculase II Reaction

Buffer

H319 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A
100 mM dNTP Mix Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 5.7%

GHS label elements

Hazard pictograms


: **5X Herculase II Reaction Buffer**




Signal word

: **DMSO** WARNING
SureSelect QXT Enzyme Mix ILM No signal word.
SureSelect QXT Buffer No signal word.
Herculase II Fusion DNA Polymerase No signal word.
SureSelect QXT Index 1 Read Primer No signal word.
SureSelect QXT Read Primer 1 No signal word.
SureSelect QXT Read Primer 2 No signal word.
SureSelect QXT P7 i1 No signal word.
SureSelect QXT P7 i2 No signal word.
SureSelect QXT P7 i3 No signal word.
SureSelect QXT P7 i4 No signal word.
SureSelect QXT P7 i5 No signal word.
SureSelect QXT P7 i6 No signal word.
SureSelect QXT P7 i7 No signal word.
SureSelect QXT P7 i8 No signal word.
SureSelect QXT P7 i9 No signal word.
SureSelect QXT P7 i10 No signal word.

Section 2. Hazard(s) identification

	SureSelect QXT P7 i11	No signal word.
	SureSelect QXT P7 i12	No signal word.
	SureSelect QXT P5 i13	No signal word.
	SureSelect QXT P5 i14	No signal word.
	SureSelect QXT P5 i15	No signal word.
	SureSelect QXT P5 i16	No signal word.
	SureSelect QXT P5 i17	No signal word.
	SureSelect QXT P5 i18	No signal word.
	SureSelect QXT P5 i19	No signal word.
	SureSelect QXT P5 i20	No signal word.
	100 mM dNTP Mix	No signal word.
	5X Herculase II Reaction Buffer	WARNING
	SureSelect QXT Index 2 Read Primer	No signal word.
Hazard statements	:  DMSO	H227 - Combustible liquid.
	SureSelect QXT Enzyme Mix ILM	No known significant effects or critical hazards.
	SureSelect QXT Buffer	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	SureSelect QXT Index 1 Read Primer	No known significant effects or critical hazards.
	SureSelect QXT Read Primer 1	No known significant effects or critical hazards.
	SureSelect QXT Read Primer 2	No known significant effects or critical hazards.
	SureSelect QXT P7 i1	No known significant effects or critical hazards.
	SureSelect QXT P7 i2	No known significant effects or critical hazards.
	SureSelect QXT P7 i3	No known significant effects or critical hazards.
	SureSelect QXT P7 i4	No known significant effects or critical hazards.
	SureSelect QXT P7 i5	No known significant effects or critical hazards.
	SureSelect QXT P7 i6	No known significant effects or critical hazards.
	SureSelect QXT P7 i7	No known significant effects or critical hazards.
	SureSelect QXT P7 i8	No known significant effects or critical hazards.
	SureSelect QXT P7 i9	No known significant effects or critical hazards.
	SureSelect QXT P7 i10	No known significant effects or critical hazards.
	SureSelect QXT P7 i11	No known significant effects or critical hazards.
	SureSelect QXT P7 i12	No known significant effects or critical hazards.
	SureSelect QXT P5 i13	No known significant effects or critical hazards.
	SureSelect QXT P5 i14	No known significant effects or critical hazards.
	SureSelect QXT P5 i15	No known significant effects or critical hazards.
	SureSelect QXT P5 i16	No known significant effects or critical hazards.
	SureSelect QXT P5 i17	No known significant effects or critical hazards.
	SureSelect QXT P5 i18	No known significant effects or critical hazards.
	SureSelect QXT P5 i19	No known significant effects or critical hazards.
	SureSelect QXT P5 i20	No known significant effects or critical hazards.
	100 mM dNTP Mix	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	H319 - Causes serious eye irritation.
	SureSelect QXT Index 2 Read Primer	No known significant effects or critical hazards.

Precautionary statements

Prevention	:  DMSO	P210 - Keep away from flames and hot surfaces. No smoking.
	SureSelect QXT Enzyme Mix ILM	Not applicable.
	SureSelect QXT Buffer	Not applicable.
	Herculase II Fusion DNA Polymerase	Not applicable.
	SureSelect QXT Index 1 Read Primer	Not applicable.
	SureSelect QXT Read	Not applicable.

Section 2. Hazard(s) identification

	Primer 1	
	SureSelect QXT Read	Not applicable.
	Primer 2	
	SureSelect QXT P7 i1	Not applicable.
	SureSelect QXT P7 i2	Not applicable.
	SureSelect QXT P7 i3	Not applicable.
	SureSelect QXT P7 i4	Not applicable.
	SureSelect QXT P7 i5	Not applicable.
	SureSelect QXT P7 i6	Not applicable.
	SureSelect QXT P7 i7	Not applicable.
	SureSelect QXT P7 i8	Not applicable.
	SureSelect QXT P7 i9	Not applicable.
	SureSelect QXT P7 i10	Not applicable.
	SureSelect QXT P7 i11	Not applicable.
	SureSelect QXT P7 i12	Not applicable.
	SureSelect QXT P5 i13	Not applicable.
	SureSelect QXT P5 i14	Not applicable.
	SureSelect QXT P5 i15	Not applicable.
	SureSelect QXT P5 i16	Not applicable.
	SureSelect QXT P5 i17	Not applicable.
	SureSelect QXT P5 i18	Not applicable.
	SureSelect QXT P5 i19	Not applicable.
	SureSelect QXT P5 i20	Not applicable.
	100 mM dNTP Mix	Not applicable.
	5X Herculase II Reaction	P280 - Wear eye or face protection.
	Buffer	
	SureSelect QXT Index 2	Not applicable.
	Read Primer	
Response	: DMSO	Not applicable.
	SureSelect QXT Enzyme	Not applicable.
	Mix ILM	
	SureSelect QXT Buffer	Not applicable.
	Herculase II Fusion DNA	Not applicable.
	Polymerase	
	SureSelect QXT Index 1	Not applicable.
	Read Primer	
	SureSelect QXT Read	Not applicable.
	Primer 1	
	SureSelect QXT Read	Not applicable.
	Primer 2	
	SureSelect QXT P7 i1	Not applicable.
	SureSelect QXT P7 i2	Not applicable.
	SureSelect QXT P7 i3	Not applicable.
	SureSelect QXT P7 i4	Not applicable.
	SureSelect QXT P7 i5	Not applicable.
	SureSelect QXT P7 i6	Not applicable.
	SureSelect QXT P7 i7	Not applicable.
	SureSelect QXT P7 i8	Not applicable.
	SureSelect QXT P7 i9	Not applicable.
	SureSelect QXT P7 i10	Not applicable.
	SureSelect QXT P7 i11	Not applicable.
	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	P305 + P351 + P338 - IF IN EYES: Rinse cautiously
	Buffer	with water for several minutes. Remove contact

Section 2. Hazard(s) identification

Storage

SureSelect QXT Index 2
Read Primer

lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical
advice or attention.
Not applicable.

:  DMSO

P403 + P235 - Store in a well-ventilated place. Keep
cool.

SureSelect QXT Enzyme
Mix ILM

Not applicable.

SureSelect QXT Buffer
Herculase II Fusion DNA
Polymerase

Not applicable.

Not applicable.

SureSelect QXT Index 1
Read Primer

Not applicable.

SureSelect QXT Read
Primer 1

Not applicable.

SureSelect QXT Read
Primer 2

Not applicable.

SureSelect QXT P7 i1

Not applicable.

SureSelect QXT P7 i2

Not applicable.

SureSelect QXT P7 i3

Not applicable.

SureSelect QXT P7 i4

Not applicable.

SureSelect QXT P7 i5

Not applicable.

SureSelect QXT P7 i6

Not applicable.

SureSelect QXT P7 i7

Not applicable.

SureSelect QXT P7 i8

Not applicable.

SureSelect QXT P7 i9

Not applicable.

SureSelect QXT P7 i10

Not applicable.

SureSelect QXT P7 i11

Not applicable.

SureSelect QXT P7 i12

Not applicable.

SureSelect QXT P5 i13

Not applicable.

SureSelect QXT P5 i14

Not applicable.

SureSelect QXT P5 i15

Not applicable.

SureSelect QXT P5 i16

Not applicable.

SureSelect QXT P5 i17

Not applicable.

SureSelect QXT P5 i18

Not applicable.

SureSelect QXT P5 i19

Not applicable.

SureSelect QXT P5 i20

Not applicable.

100 mM dNTP Mix

Not applicable.

5X Herculase II Reaction
Buffer

Not applicable.

SureSelect QXT Index 2
Read Primer

Not applicable.

Disposal

:  DMSO

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
Herculase II Fusion DNA
Polymerase

Not applicable.

Not applicable.

SureSelect QXT Index 1
Read Primer

Not applicable.

SureSelect QXT Read
Primer 1

Not applicable.

SureSelect QXT Read
Primer 2

Not applicable.

SureSelect QXT P7 i1

Not applicable.

SureSelect QXT P7 i2

Not applicable.

SureSelect QXT P7 i3

Not applicable.

SureSelect QXT P7 i4

Not applicable.

SureSelect QXT P7 i5

Not applicable.

SureSelect QXT P7 i6


Not applicable.

Section 2. Hazard(s) identification

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

Supplemental label elements

Additional warning phrases

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

Section 2. Hazard(s) identification

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

Section 3. Composition and ingredient information

Substance/mixture	: <input checked="" type="checkbox"/> 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

Section 3. Composition and ingredient information

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

CAS number/other identifiers

Ingredient name	% (w/w)	CAS number
DMSO Dimethyl sulfoxide	100	67-68-5
SureSelect QXT Enzyme Mix ILM Glycerol	≥30 - ≤60	56-81-5
SureSelect QXT Buffer Glycerol	≥30 - ≤60	56-81-5
Herculase II Fusion DNA Polymerase Glycerol	≥30 - ≤60	56-81-5
5X Herculase II Reaction Buffer Hexadecan-1-ol, ethoxylated	<3	9004-95-9

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

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

Section 4. First aid measures


Description of necessary first aid measures

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. Get medical attention if irritation occurs.
	SureSelect QXT Enzyme Mix ILM	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureSelect QXT Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	Herculase II Fusion DNA Polymerase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureSelect QXT Index 1 Read Primer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureSelect QXT Read	Immediately flush eyes with plenty of water,

Section 4. First aid measures

Primer 1	occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT Read Primer 2	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P7 i1	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P7 i2	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P7 i3	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P7 i4	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P7 i5	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P7 i6	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P7 i7	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P7 i8	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P7 i9	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P7 i10	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P7 i11	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P7 i12	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P5 i13	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P5 i14	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P5 i15	Immediately flush eyes with plenty of water,


Section 4. First aid measures

	occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P5 i16	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P5 i17	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P5 i18	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P5 i19	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
SureSelect QXT P5 i20	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
100 mM dNTP Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
5X Herculase II Reaction Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
SureSelect QXT Index 2 Read Primer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	
:  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. Get medical attention if symptoms occur.
SureSelect QXT Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Herculase II Fusion DNA Polymerase	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT Index 1 Read Primer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT Read Primer 1	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT Read Primer 2	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical

Section 4. First aid measures

SureSelect QXT P7 i1	attention if symptoms occur. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
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 attention if symptoms occur.
SureSelect QXT P5 i18	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P5 i19	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
SureSelect QXT P5 i20	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
100 mM dNTP Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical

Section 4. First aid measures

		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. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	SureSelect QXT Index 2 Read Primer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	:  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 ILM	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT Buffer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Herculase II Fusion DNA Polymerase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT Index 1 Read Primer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT Read Primer 1	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT Read Primer 2	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT P7 i1	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT P7 i2	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT P7 i3	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT P7 i4	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT P7 i5	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT P7 i6	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect QXT P7 i7	Flush contaminated skin with plenty of water.

Section 4. First aid measures

	Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect QXT P7 i8	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect QXT P7 i9	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect QXT P7 i10	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect QXT P7 i11	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect QXT P7 i12	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect QXT P5 i13	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
SureSelect QXT P5 i14	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
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. Wash clothing before reuse. Clean shoes thoroughly before reuse.
SureSelect QXT Index 2 Read Primer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion

:  DMSO

Wash out mouth with water. 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

Section 4. First aid measures

	airway. Loosen tight clothing such as a collar, tie, belt or waistband.
SureSelect QXT Enzyme Mix ILM	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT Buffer	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Herculase II Fusion DNA Polymerase	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT Index 1 Read Primer	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT Read Primer 1	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT Read Primer 2	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i1	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i2	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i3	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i4	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i5	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i6	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect QXT P7 i7	Wash out mouth with water. If material has been

Section 4. First aid measures

SureSelect QXT P5 i20	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.
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. 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 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.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact

: DMSO	No known significant effects or critical hazards.
SureSelect QXT Enzyme Mix ILM	No known significant effects or critical hazards.
SureSelect QXT Buffer	No known significant effects or critical hazards.
Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
SureSelect QXT Index 1 Read Primer	No known significant effects or critical hazards.
SureSelect QXT Read Primer 1	No known significant effects or critical hazards.
SureSelect QXT Read Primer 2	No known significant effects or critical hazards.
SureSelect QXT P7 i1	No known significant effects or critical hazards.
SureSelect QXT P7 i2	No known significant effects or critical hazards.
SureSelect QXT P7 i3	No known significant effects or critical hazards.
SureSelect QXT P7 i4	No known significant effects or critical hazards.
SureSelect QXT P7 i5	No known significant effects or critical hazards.
SureSelect QXT P7 i6	No known significant effects or critical hazards.
SureSelect QXT P7 i7	No known significant effects or critical hazards.
SureSelect QXT P7 i8	No known significant effects or critical hazards.
SureSelect QXT P7 i9	No known significant effects or critical hazards.
SureSelect QXT P7 i10	No known significant effects or critical hazards.
SureSelect QXT P7 i11	No known significant effects or critical hazards.
SureSelect QXT P7 i12	No known significant effects or critical hazards.
SureSelect QXT P5 i13	No known significant effects or critical hazards.
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.

Section 4. First aid measures

	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	Causes serious eye irritation.
	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 Polymerase	No known significant effects or critical hazards.
	SureSelect QXT Index 1 Read Primer	No known significant effects or critical hazards.
	SureSelect QXT Read Primer 1	No known significant effects or critical hazards.
	SureSelect QXT Read Primer 2	No known significant effects or critical hazards.
	SureSelect QXT P7 i1	No known significant effects or critical hazards.
	SureSelect QXT P7 i2	No known significant effects or critical hazards.
	SureSelect QXT P7 i3	No known significant effects or critical hazards.
	SureSelect QXT P7 i4	No known significant effects or critical hazards.
	SureSelect QXT P7 i5	No known significant effects or critical hazards.
	SureSelect QXT P7 i6	No known significant effects or critical hazards.
	SureSelect QXT P7 i7	No known significant effects or critical hazards.
	SureSelect QXT P7 i8	No known significant effects or critical hazards.
	SureSelect QXT P7 i9	No known significant effects or critical hazards.
	SureSelect QXT P7 i10	No known significant effects or critical hazards.
	SureSelect QXT P7 i11	No known significant effects or critical hazards.
	SureSelect QXT P7 i12	No known significant effects or critical hazards.
	SureSelect QXT P5 i13	No known significant effects or critical hazards.
	SureSelect QXT P5 i14	No known significant effects or critical hazards.
	SureSelect QXT P5 i15	No known significant effects or critical hazards.
	SureSelect QXT P5 i16	No known significant effects or critical hazards.
	SureSelect QXT P5 i17	No known significant effects or critical hazards.
	SureSelect QXT P5 i18	No known significant effects or critical hazards.
	SureSelect QXT P5 i19	No known significant effects or critical hazards.
	SureSelect QXT P5 i20	No known significant effects or critical hazards.
	100 mM dNTP Mix	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect QXT Index 2 Read Primer	No known significant effects or critical hazards.
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 Polymerase	No known significant effects or critical hazards.
	SureSelect QXT Index 1 Read Primer	No known significant effects or critical hazards.
	SureSelect QXT Read Primer 1	No known significant effects or critical hazards.
	SureSelect QXT Read Primer 2	No known significant effects or critical hazards.
	SureSelect QXT P7 i1	No known significant effects or critical hazards.
	SureSelect QXT P7 i2	No known significant effects or critical hazards.
	SureSelect QXT P7 i3	No known significant effects or critical hazards.
	SureSelect QXT P7 i4	No known significant effects or critical hazards.
	SureSelect QXT P7 i5	No known significant effects or critical hazards.

Section 4. First aid measures

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

Over-exposure signs/symptoms

Section 4. First aid measures

Eye contact	:	DMSO	No specific data.		
		SureSelect QXT Enzyme Mix ILM	No specific data.		
		SureSelect QXT Buffer	No specific data.		
		Herculase II Fusion DNA Polymerase	No specific data.		
		SureSelect QXT Index 1 Read Primer	No specific data.		
		SureSelect QXT Read Primer 1	No specific data.		
		SureSelect QXT Read Primer 2	No specific data.		
		SureSelect QXT P7 i1	No specific data.		
		SureSelect QXT P7 i2	No specific data.		
		SureSelect QXT P7 i3	No specific data.		
		SureSelect QXT P7 i4	No specific data.		
		SureSelect QXT P7 i5	No specific data.		
		SureSelect QXT P7 i6	No specific data.		
		SureSelect QXT P7 i7	No specific data.		
		SureSelect QXT P7 i8	No specific data.		
		SureSelect QXT P7 i9	No specific data.		
		SureSelect QXT P7 i10	No specific data.		
		SureSelect QXT P7 i11	No specific data.		
		SureSelect QXT P7 i12	No specific data.		
		SureSelect QXT P5 i13	No specific data.		
		SureSelect QXT P5 i14	No specific data.		
		SureSelect QXT P5 i15	No specific data.		
		SureSelect QXT P5 i16	No specific data.		
		SureSelect QXT P5 i17	No specific data.		
		SureSelect QXT P5 i18	No specific data.		
		SureSelect QXT P5 i19	No specific data.		
		SureSelect QXT P5 i20	No specific data.		
		100 mM dNTP Mix	No specific data.		
		5X Herculase II Reaction Buffer	Adverse symptoms may include the following: pain or irritation watering redness		
		SureSelect QXT Index 2 Read Primer	No specific data.		
		Inhalation	:	DMSO	No specific data.
				SureSelect QXT Enzyme Mix ILM	No specific data.
SureSelect QXT Buffer	No specific data.				
Herculase II Fusion DNA Polymerase	No specific data.				
SureSelect QXT Index 1 Read Primer	No specific data.				
SureSelect QXT Read Primer 1	No specific data.				
SureSelect QXT Read Primer 2	No specific data.				
SureSelect QXT P7 i1	No specific data.				
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.				

Section 4. First aid measures

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

Section 4. First aid measures

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

Indication of immediate medical attention and special treatment needed, if necessary

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

Section 4. First aid measures

	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	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P5 i13	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P5 i14	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P5 i15	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P5 i16	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P5 i17	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P5 i18	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P5 i19	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
SureSelect QXT P5 i20	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
100 mM dNTP Mix	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
5X Herculase II Reaction Buffer	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
SureSelect QXT Index 2 Read Primer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Section 4. First aid measures

Specific treatments	: DMSO	No specific treatment.
	SureSelect QXT Enzyme Mix ILM	No specific treatment.
	SureSelect QXT Buffer	No specific treatment.
	Herculase II Fusion DNA Polymerase	No specific treatment.
	SureSelect QXT Index 1 Read Primer	No specific treatment.
	SureSelect QXT Read Primer 1	No specific treatment.
	SureSelect QXT Read Primer 2	No specific treatment.
	SureSelect QXT P7 i1	No specific treatment.
	SureSelect QXT P7 i2	No specific treatment.
	SureSelect QXT P7 i3	No specific treatment.
	SureSelect QXT P7 i4	No specific treatment.
	SureSelect QXT P7 i5	No specific treatment.
	SureSelect QXT P7 i6	No specific treatment.
	SureSelect QXT P7 i7	No specific treatment.
	SureSelect QXT P7 i8	No specific treatment.
	SureSelect QXT P7 i9	No specific treatment.
	SureSelect QXT P7 i10	No specific treatment.
	SureSelect QXT P7 i11	No specific treatment.
	SureSelect QXT P7 i12	No specific treatment.
	SureSelect QXT P5 i13	No specific treatment.
	SureSelect QXT P5 i14	No specific treatment.
	SureSelect QXT P5 i15	No specific treatment.
	SureSelect QXT P5 i16	No specific treatment.
	SureSelect QXT P5 i17	No specific treatment.
	SureSelect QXT P5 i18	No specific treatment.
	SureSelect QXT P5 i19	No specific treatment.
	SureSelect QXT P5 i20	No specific treatment.
	100 mM dNTP Mix	No specific treatment.
	5X Herculase II Reaction Buffer	No specific treatment.
	SureSelect QXT Index 2 Read Primer	No specific treatment.
Protection of first-aiders	: DMSO	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.
	SureSelect QXT Buffer	No action shall be taken involving any personal risk or without suitable training.
	Herculase II Fusion DNA Polymerase	No action shall be taken involving any personal risk or without suitable training.
	SureSelect QXT Index 1 Read Primer	No action shall be taken involving any personal risk or without suitable training.
	SureSelect QXT Read Primer 1	No action shall be taken involving any personal risk or without suitable training.
	SureSelect QXT Read Primer 2	No action shall be taken involving any personal risk or without suitable training.
	SureSelect QXT P7 i1	No action shall be taken involving any personal risk or without suitable training.
	SureSelect QXT P7 i2	No action shall be taken involving any personal risk or without suitable training.
	SureSelect QXT P7 i3	No action shall be taken involving any personal risk or without suitable training.
	SureSelect QXT P7 i4	No action shall be taken involving any personal risk or without suitable training.
	SureSelect QXT P7 i5	No action shall be taken involving any personal risk or without suitable training.

Section 4. First aid measures

SureSelect QXT P7 i6	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P7 i7	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P7 i8	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P7 i9	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P7 i10	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P7 i11	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P7 i12	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i13	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i14	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i15	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i16	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i17	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i18	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i19	No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i20	No action shall be taken involving any personal risk or without suitable training.
100 mM dNTP Mix	No action shall be taken involving any personal risk or without suitable training.
5X Herculase II Reaction Buffer	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
SureSelect QXT Index 2 Read Primer	No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media

Suitable extinguishing media	: DMSO	Use dry chemical, CO ₂ , water spray (fog) or foam.
	SureSelect QXT Enzyme Mix ILM	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect QXT Buffer	Use an extinguishing agent suitable for the surrounding fire.
	Herculase II Fusion DNA Polymerase	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect QXT Index 1 Read Primer	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect QXT Read Primer 1	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect QXT Read Primer 2	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect QXT P7 i1	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect QXT P7 i2	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect QXT P7 i3	Use an extinguishing agent suitable for the surrounding fire.

Section 5. Firefighting measures

SureSelect QXT P7 i4	Use an extinguishing agent suitable for the surrounding fire.
SureSelect QXT P7 i5	Use an extinguishing agent suitable for the surrounding fire.
SureSelect QXT P7 i6	Use an extinguishing agent suitable for the surrounding fire.
SureSelect QXT P7 i7	Use an extinguishing agent suitable for the surrounding fire.
SureSelect QXT P7 i8	Use an extinguishing agent suitable for the surrounding fire.
SureSelect QXT P7 i9	Use an extinguishing agent suitable for the surrounding fire.
SureSelect QXT P7 i10	Use an extinguishing agent suitable for the surrounding fire.
SureSelect QXT P7 i11	Use an extinguishing agent suitable for the surrounding fire.
SureSelect QXT P7 i12	Use an extinguishing agent suitable for the surrounding fire.
SureSelect QXT P5 i13	Use an extinguishing agent suitable for the surrounding fire.
SureSelect QXT P5 i14	Use an extinguishing agent suitable for the surrounding fire.
SureSelect QXT P5 i15	Use an extinguishing agent suitable for the surrounding fire.
SureSelect QXT P5 i16	Use an extinguishing agent suitable for the surrounding fire.
SureSelect QXT P5 i17	Use an extinguishing agent suitable for the surrounding fire.
SureSelect QXT P5 i18	Use an extinguishing agent suitable for the surrounding fire.
SureSelect QXT P5 i19	Use an extinguishing agent suitable for the surrounding fire.
SureSelect QXT P5 i20	Use an extinguishing agent suitable for the surrounding fire.
100 mM dNTP Mix	Use an extinguishing agent suitable for the surrounding fire.
5X Herculase II Reaction Buffer	Use an extinguishing agent suitable for the surrounding fire.
SureSelect QXT Index 2 Read Primer	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media : DMSO	Do not use water jet.
SureSelect QXT Enzyme Mix ILM	None known.
SureSelect QXT Buffer	None known.
Herculase II Fusion DNA Polymerase	None known.
SureSelect QXT Index 1 Read Primer	None known.
SureSelect QXT Read Primer 1	None known.
SureSelect QXT Read Primer 2	None known.
SureSelect QXT P7 i1	None known.
SureSelect QXT P7 i2	None known.
SureSelect QXT P7 i3	None known.
SureSelect QXT P7 i4	None known.
SureSelect QXT P7 i5	None known.
SureSelect QXT P7 i6	None known.
SureSelect QXT P7 i7	None known.
SureSelect QXT P7 i8	None known.
SureSelect QXT P7 i9	None known.
SureSelect QXT P7 i10	None known.
SureSelect QXT P7 i11	None known.

Section 5. Firefighting measures

SureSelect QXT P7 i12	None known.
SureSelect QXT P5 i13	None known.
SureSelect QXT P5 i14	None known.
SureSelect QXT P5 i15	None known.
SureSelect QXT P5 i16	None known.
SureSelect QXT P5 i17	None known.
SureSelect QXT P5 i18	None known.
SureSelect QXT P5 i19	None known.
SureSelect QXT P5 i20	None known.
100 mM dNTP Mix	None known.
5X Herculase II Reaction Buffer	None known.
SureSelect QXT Index 2 Read Primer	None known.


Specific hazards arising from the chemical

:  DMSO

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 vapour/gas is heavier than air and will spread along the ground. Vapours 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 Polymerase	In a fire or if heated, a pressure increase will occur and the container may burst.
SureSelect QXT Index 1 Read Primer	In a fire or if heated, a pressure increase will occur 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.

Section 5. Firefighting measures

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

Section 5. Firefighting measures

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

Special protective actions for fire-fighters

: DMSO

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. 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
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

SureSelect QXT Buffer
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Herculase II Fusion DNA Polymerase
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

SureSelect QXT Index 1 Read Primer
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

SureSelect QXT Read Primer 1
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

SureSelect QXT Read Primer 2
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

SureSelect QXT P7 i1
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

SureSelect QXT P7 i2
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

SureSelect QXT P7 i3
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.


SureSelect QXT P7 i4
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

SureSelect QXT P7 i5
Promptly isolate the scene by removing all persons

Section 5. Firefighting measures

	from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P7 i6	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be 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.
SureSelect QXT P7 i12	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i13	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i14	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i15	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i16	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i17	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i18	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i19	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
SureSelect QXT P5 i20	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Section 5. Firefighting measures

	100 mM dNTP Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	5X Herculase II Reaction Buffer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect QXT Index 2 Read Primer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
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 Polymerase	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 Index 1 Read Primer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	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	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

Section 5. Firefighting measures

SureSelect QXT P7 i7	pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect 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.
SureSelect QXT P7 i12	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect QXT P5 i13	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect QXT P5 i14	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect QXT P5 i15	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect QXT P5 i16	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect QXT P5 i17	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect QXT P5 i18	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect QXT P5 i19	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
SureSelect QXT P5 i20	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
100 mM dNTP Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
5X Herculase II Reaction Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus

Section 5. Firefighting measures

SureSelect QXT Index 2
Read Primer

(SCBA) with a full face-piece operated in positive 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

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: DMSO

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour 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 spilt material. Put on appropriate personal protective equipment.

SureSelect QXT Buffer

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

Herculase II Fusion DNA Polymerase

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

SureSelect QXT Index 1 Read Primer

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

SureSelect QXT Read Primer 1

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

SureSelect QXT Read Primer 2

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

SureSelect QXT P7 i1

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

SureSelect QXT P7 i2

No action shall be taken involving any personal risk


Section 6. Accidental release measures

	or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i3	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i4	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i5	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i6	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i7	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i8	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i9	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i10	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i11	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P7 i12	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk

Section 6. Accidental release measures

	through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P5 i13	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P5 i14	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P5 i15	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P5 i16	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P5 i17	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P5 i18	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P5 i19	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
SureSelect QXT P5 i20	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
100 mM dNTP Mix	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.
5X Herculase II Reaction Buffer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on

Section 6. Accidental release measures

<p>SureSelect QXT Index 2 Read Primer</p> <p>For emergency responders : MSO</p> <p>SureSelect QXT Enzyme Mix ILM</p> <p>SureSelect QXT Buffer</p> <p>Herculase II Fusion DNA Polymerase</p> <p>SureSelect QXT Index 1 Read Primer</p> <p>SureSelect QXT Read Primer 1</p> <p>SureSelect QXT Read Primer 2</p> <p>SureSelect QXT P7 i1</p> <p>SureSelect QXT P7 i2</p> <p>SureSelect QXT P7 i3</p> <p>SureSelect QXT P7 i4</p> <p>SureSelect QXT P7 i5</p> <p>SureSelect QXT P7 i6</p> <p>SureSelect QXT P7 i7</p>	<p>appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.</p> <p>If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p> <p>If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".</p>
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Section 6. Accidental release measures

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

Section 6. Accidental release measures

Environmental precautions : ☒MSO

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

Section 6. Accidental release measures

	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P7 i7	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P7 i8	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P7 i9	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P7 i10	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P7 i11	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P7 i12	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P5 i13	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P5 i14	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P5 i15	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P5 i16	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P5 i17	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
SureSelect QXT P5 i18	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Section 6. Accidental release measures

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

[Methods and material for containment and cleaning up](#)

Methods for cleaning up : MSO

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

Section 6. Accidental release measures

SureSelect QXT Read Primer 2	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 i1	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect QXT P7 i2	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect QXT P7 i3	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect QXT P7 i4	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect QXT P7 i5	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect QXT P7 i6	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect QXT P7 i7	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect QXT P7 i8	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect QXT P7 i9	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect QXT P7 i10	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble.

Section 6. Accidental release measures

	Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect QXT P7 i11	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect QXT P7 i12	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect QXT P5 i13	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect QXT P5 i14	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect QXT P5 i15	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect QXT P5 i16	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect QXT P5 i17	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect QXT P5 i18	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
SureSelect QXT P5 i19	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.

Section 6. Accidental release measures

100 mM dNTP Mix	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.
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

Precautions for safe handling

Protective measures : MSO

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour 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.

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

Section 7. Handling and storage

	(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).
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). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a 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 2 Read Primer	Put on appropriate personal protective equipment (see Section 8).
Advice on general occupational hygiene : DMSO	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect QXT Enzyme Mix ILM	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect QXT Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Herculase II Fusion DNA Polymerase	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face

Section 7. Handling and storage

	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

Section 7. Handling and storage

	before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect QXT P7 i7	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect QXT P7 i8	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect QXT P7 i9	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also 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 for additional information on hygiene measures.
SureSelect QXT P7 i12	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect QXT P5 i13	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect QXT P5 i14	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect QXT P5 i15	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face

Section 7. Handling and storage

	before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect QXT P5 i16	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect QXT P5 i17	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect QXT P5 i18	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect QXT P5 i19	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect QXT P5 i20	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
100 mM dNTP Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
5X Herculase II Reaction Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect QXT Index 2 Read Primer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Section 7. Handling and storage

Conditions for safe storage, : DMSO
including any
incompatibilities

SureSelect QXT Enzyme
Mix ILM

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 oxidising 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 unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

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

SureSelect QXT Buffer

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

Herculase II Fusion DNA
Polymerase

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

SureSelect QXT Index 1
Read Primer

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

SureSelect QXT Read
Primer 1

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened

Section 7. Handling and storage

SureSelect QXT Read
Primer 2

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

SureSelect QXT P7 i1

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

SureSelect QXT P7 i2

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

SureSelect QXT P7 i3

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

SureSelect QXT P7 i4

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

SureSelect QXT P7 i5

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from

Section 7. Handling and storage

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

Section 7. Handling and storage

SureSelect QXT P7 i11	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect QXT P7 i12	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect QXT P5 i13	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect QXT P5 i14	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect QXT P5 i15	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect QXT P5 i16	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled

Section 7. Handling and storage

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

Section 7. Handling and storage

SureSelect QXT Index 2
Read Primer

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

Section 8. Exposure controls and personal protection

[Control parameters](#)

[Occupational exposure limits](#)

Ingredient name	Exposure limits
DMSO Dimethyl sulfoxide	DFG MAC-values list (Germany, 8/2020). Absorbed through skin. PEAK: 320 mg/m ³ , 4 times per shift, 15 minutes. TWA: 160 mg/m ³ 8 hours. PEAK: 100 ppm, 4 times per shift, 15 minutes. TWA: 50 ppm 8 hours.
SureSelect QXT Enzyme Mix ILM Glycerol	Safe Work Australia (Australia, 12/2019). TWA: 10 mg/m ³ 8 hours.
SureSelect QXT Buffer Glycerol	Safe Work Australia (Australia, 12/2019). TWA: 10 mg/m ³ 8 hours.
Herculase II Fusion DNA Polymerase Glycerol	Safe Work Australia (Australia, 12/2019). TWA: 10 mg/m ³ 8 hours.

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

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

[Individual protection measures](#)

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

Section 8. Exposure controls and personal protection

- 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.

Section 9. Physical and chemical properties and safety characteristics

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



Appearance

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

Section 9. Physical and chemical properties and safety characteristics

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

Section 9. Physical and chemical properties and safety characteristics

	SureSelect QXT P7 i12	Not available.
	SureSelect QXT P5 i13	Not available.
	SureSelect QXT P5 i14	Not available.
	SureSelect QXT P5 i15	Not available.
	SureSelect QXT P5 i16	Not available.
	SureSelect QXT P5 i17	Not available.
	SureSelect QXT P5 i18	Not available.
	SureSelect QXT P5 i19	Not available.
	SureSelect QXT P5 i20	Not available.
	100 mM dNTP Mix	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect QXT Index 2 Read Primer	Not available.
Odour threshold	:  DMSO	Not available.
	SureSelect QXT Enzyme Mix ILM	Not available.
	SureSelect QXT Buffer	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	SureSelect QXT Index 1 Read Primer	Not available.
	SureSelect QXT Read Primer 1	Not available.
	SureSelect QXT Read Primer 2	Not available.
	SureSelect QXT P7 i1	Not available.
	SureSelect QXT P7 i2	Not available.
	SureSelect QXT P7 i3	Not available.
	SureSelect QXT P7 i4	Not available.
	SureSelect QXT P7 i5	Not available.
	SureSelect QXT P7 i6	Not available.
	SureSelect QXT P7 i7	Not available.
	SureSelect QXT P7 i8	Not available.
	SureSelect QXT P7 i9	Not available.
	SureSelect QXT P7 i10	Not available.
	SureSelect QXT P7 i11	Not available.
	SureSelect QXT P7 i12	Not available.
	SureSelect QXT P5 i13	Not available.
	SureSelect QXT P5 i14	Not available.
	SureSelect QXT P5 i15	Not available.
	SureSelect QXT P5 i16	Not available.
	SureSelect QXT P5 i17	Not available.
	SureSelect QXT P5 i18	Not available.
	SureSelect QXT P5 i19	Not available.
	SureSelect QXT P5 i20	Not available.
	100 mM dNTP Mix	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect QXT Index 2 Read Primer	Not available.
pH	:  DMSO	Not available.
	SureSelect QXT Enzyme Mix ILM	7.9
	SureSelect QXT Buffer	7.5
	Herculase II Fusion DNA Polymerase	7.5 to 8.7
	SureSelect QXT Index 1 Read Primer	7
	SureSelect QXT Read Primer 1	7
	SureSelect QXT Read	7

Section 9. Physical and chemical properties and safety characteristics

Primer 2	
SureSelect QXT P7 i1	7
SureSelect QXT P7 i2	7
SureSelect QXT P7 i3	7
SureSelect QXT P7 i4	7
SureSelect QXT P7 i5	7
SureSelect QXT P7 i6	7
SureSelect QXT P7 i7	7
SureSelect QXT P7 i8	7
SureSelect QXT P7 i9	7
SureSelect QXT P7 i10	7
SureSelect QXT P7 i11	7
SureSelect QXT P7 i12	7
SureSelect QXT P5 i13	7
SureSelect QXT P5 i14	7
SureSelect QXT P5 i15	7
SureSelect QXT P5 i16	7
SureSelect QXT P5 i17	7
SureSelect QXT P5 i18	7
SureSelect QXT P5 i19	7
SureSelect QXT P5 i20	7
100 mM dNTP Mix	7.5
5X Herculase II Reaction Buffer	9.5 to 10.5
SureSelect QXT Index 2 Read Primer	7
Melting point/freezing point : <input checked="" type="checkbox"/> DMSO	18.5°C (65.3°F)
SureSelect QXT Enzyme Mix ILM	Not available.
SureSelect QXT Buffer	Not available.
Herculase II Fusion DNA Polymerase	Not available.
SureSelect QXT Index 1 Read Primer	0°C (32°F)
SureSelect QXT Read Primer 1	0°C (32°F)
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	0°C (32°F)
100 mM dNTP Mix	Not available.
5X Herculase II Reaction Buffer	Not available.
SureSelect QXT Index 2	0°C (32°F)

Section 9. Physical and chemical properties and safety characteristics

	Read Primer		
Boiling point, initial boiling point, and boiling range	: <input checked="" type="checkbox"/> DMSO	189°C (372.2°F)	
	SureSelect QXT Enzyme Mix ILM	Not available.	
	SureSelect QXT Buffer	Not available.	
	Herculase II Fusion DNA Polymerase	Not available.	
	SureSelect QXT Index 1 Read Primer	100°C (212°F)	
	SureSelect QXT Read Primer 1	100°C (212°F)	
	SureSelect QXT Read Primer 2	100°C (212°F)	
	SureSelect QXT P7 i1	100°C (212°F)	
	SureSelect QXT P7 i2	100°C (212°F)	
	SureSelect QXT P7 i3	100°C (212°F)	
	SureSelect QXT P7 i4	100°C (212°F)	
	SureSelect QXT P7 i5	100°C (212°F)	
	SureSelect QXT P7 i6	100°C (212°F)	
	SureSelect QXT P7 i7	100°C (212°F)	
	SureSelect QXT P7 i8	100°C (212°F)	
	SureSelect QXT P7 i9	100°C (212°F)	
	SureSelect QXT P7 i10	100°C (212°F)	
	SureSelect QXT P7 i11	100°C (212°F)	
	SureSelect QXT P7 i12	100°C (212°F)	
	SureSelect QXT P5 i13	100°C (212°F)	
	SureSelect QXT P5 i14	100°C (212°F)	
	SureSelect QXT P5 i15	100°C (212°F)	
	SureSelect QXT P5 i16	100°C (212°F)	
	SureSelect QXT P5 i17	100°C (212°F)	
	SureSelect QXT P5 i18	100°C (212°F)	
	SureSelect QXT P5 i19	100°C (212°F)	
	SureSelect QXT P5 i20	100°C (212°F)	
	100 mM dNTP Mix	Not available.	
	5X Herculase II Reaction Buffer	Not available.	
	SureSelect QXT Index 2 Read Primer	100°C (212°F)	
	Flash point	: <input checked="" type="checkbox"/> DMSO	Closed cup: 87°C (188.6°F) [ASTM D 93] Open cup: 87°C (188.6°F)
		SureSelect QXT Enzyme Mix ILM	Not available.
		SureSelect QXT Buffer	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.	

Section 9. Physical and chemical properties and safety characteristics

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

Ingredient name	Closed cup			Open cup		
	°C	°F	Method	°C	°F	Method
SureSelect QXT Enzyme Mix ILM						
Edetic acid	>100	>212	DIN 51758			
Poly(oxy-1,2-ethanediyl), .alpha.-[(1,1,3,3-tetramethylbutyl)phenyl]-.omega.-hydroxy-	>109.85	>229.7				
SureSelect QXT Buffer						
Poly(oxy-1,2-ethanediyl), .alpha.-[(1,1,3,3-tetramethylbutyl)phenyl]-.omega.-hydroxy-	>109.85	>229.7				
Glycerol				177	350.6	
Herculase II Fusion DNA Polymerase						
Edetic acid	>100	>212	DIN 51758			
Poly(oxy-1,2-ethanediyl), .alpha.-[(1,1,3,3-tetramethylbutyl)phenyl]-.omega.-hydroxy-	>109.85	>229.7				
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			

Section 9. Physical and chemical properties and safety characteristics

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						
Edetic acid	>100	>212	DIN 51758			
SureSelect QXT P5 i13						
Edetic acid	>100	>212	DIN 51758			
SureSelect QXT P5 i14						
Edetic acid	>100	>212	DIN 51758			
SureSelect QXT P5 i15						
Edetic acid	>100	>212	DIN 51758			
SureSelect QXT P5 i16						
Edetic acid	>100	>212	DIN 51758			
SureSelect QXT P5 i17						
Edetic acid	>100	>212	DIN 51758			

Section 9. Physical and chemical properties and safety characteristics

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			

Evaporation rate : DMSO 0.026 (butyl acetate = 1)

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

Flammability : DMSO Not applicable.
 SureSelect QXT Enzyme Mix ILM Not applicable.
 SureSelect QXT Buffer Herculanase II Fusion DNA Polymerase Not applicable.
 SureSelect QXT Index 1 Read Primer Not applicable.
 SureSelect QXT Read Primer 1 Not applicable.

Section 9. Physical and chemical properties and safety characteristics

	SureSelect QXT Read Primer 2	Not applicable.
	SureSelect QXT P7 i1	Not applicable.
	SureSelect QXT P7 i2	Not applicable.
	SureSelect QXT P7 i3	Not applicable.
	SureSelect QXT P7 i4	Not applicable.
	SureSelect QXT P7 i5	Not applicable.
	SureSelect QXT P7 i6	Not applicable.
	SureSelect QXT P7 i7	Not applicable.
	SureSelect QXT P7 i8	Not applicable.
	SureSelect QXT P7 i9	Not applicable.
	SureSelect QXT P7 i10	Not applicable.
	SureSelect QXT P7 i11	Not applicable.
	SureSelect QXT P7 i12	Not applicable.
	SureSelect QXT P5 i13	Not applicable.
	SureSelect QXT P5 i14	Not applicable.
	SureSelect QXT P5 i15	Not applicable.
	SureSelect QXT P5 i16	Not applicable.
	SureSelect QXT P5 i17	Not applicable.
	SureSelect QXT P5 i18	Not applicable.
	SureSelect QXT P5 i19	Not applicable.
	SureSelect QXT P5 i20	Not applicable.
	100 mM dNTP Mix	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect QXT Index 2 Read Primer	Not applicable.
Lower and upper explosion limit/flammability limit	<input checked="" type="checkbox"/> DMSO	Lower: 2.6% Upper: 28.5%
	SureSelect QXT Enzyme Mix ILM	Not available.
	SureSelect QXT Buffer Herculase II Fusion DNA Polymerase	Not available.
	SureSelect QXT Index 1 Read Primer	Not available.
	SureSelect QXT Read Primer 1	Not available.
	SureSelect QXT Read Primer 2	Not available.
	SureSelect QXT P7 i1	Not available.
	SureSelect QXT P7 i2	Not available.
	SureSelect QXT P7 i3	Not available.
	SureSelect QXT P7 i4	Not available.
	SureSelect QXT P7 i5	Not available.
	SureSelect QXT P7 i6	Not available.
	SureSelect QXT P7 i7	Not available.
	SureSelect QXT P7 i8	Not available.
	SureSelect QXT P7 i9	Not available.
	SureSelect QXT P7 i10	Not available.
	SureSelect QXT P7 i11	Not available.
	SureSelect QXT P7 i12	Not available.
	SureSelect QXT P5 i13	Not available.
	SureSelect QXT P5 i14	Not available.
	SureSelect QXT P5 i15	Not available.
	SureSelect QXT P5 i16	Not available.
	SureSelect QXT P5 i17	Not available.
	SureSelect QXT P5 i18	Not available.
	SureSelect QXT P5 i19	Not available.
	SureSelect QXT P5 i20	Not available.
	100 mM dNTP Mix	Not available.
	5X Herculase II Reaction	Not available.

Section 9. Physical and chemical properties and safety characteristics

Vapour pressure

Buffer		
SureSelect QXT Index 2		Not available.
Read Primer		
SureSelect QXT Enzyme Mix ILM		0.056 kPa (0.42 mm Hg) [EU A.4]
SureSelect QXT Enzyme Mix ILM		Not available.
SureSelect QXT Buffer		Not available.
Herculase II Fusion DNA Polymerase		Not available.
SureSelect QXT Index 1		Not available.
Read 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.
Buffer		
SureSelect QXT Index 2		Not available.
Read Primer		

Ingredient name	Vapour Pressure at 20°C			Vapour pressure at 50°C		
	mm Hg	kPa	Method	mm Hg	kPa	Method
SureSelect QXT Enzyme Mix ILM						
water	23.8	3.2		92.258	12.3	
Glycerol	0.000075	0.00001		0.0025	0.00033	
SureSelect QXT Buffer						
water	23.8	3.2		92.258	12.3	
Glycerol	0.000075	0.00001		0.0025	0.00033	
Herculase II Fusion DNA Polymerase						
water	23.8	3.2		92.258	12.3	
Sorbitan monolaurate, ethoxylated	<1	<0.13				

Section 9. Physical and chemical properties and safety characteristics

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-1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
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	

Section 9. Physical and chemical properties and safety characteristics

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

Section 9. Physical and chemical properties and safety characteristics

2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001
SureSelect QXT P5 i16					
water	23.8	3.2		92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001
SureSelect QXT P5 i17					
water	23.8	3.2		92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001
SureSelect QXT P5 i18					
water	23.8	3.2		92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001
SureSelect QXT P5 i19					
water	23.8	3.2		92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001
SureSelect QXT P5 i20					
water	23.8	3.2		92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001
100 mM dNTP Mix					
water	23.8	3.2		92.258	12.3
5X Herculase II Reaction Buffer					
water	23.8	3.2		92.258	12.3
Sulfuric acid, magnesium salt, hydrate (1:1:7)	<0.1	<0.013			
SureSelect QXT Index 2 Read Primer					
water	23.8	3.2		92.258	12.3
2-Amino-2-(hydroxymethyl)propane-1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001

Section 9. Physical and chemical properties and safety characteristics

Relative vapour density	:	<input checked="" type="checkbox"/> DMSO	2.7 [Air = 1]		
		SureSelect QXT Enzyme Mix ILM	Not available.		
		SureSelect QXT Buffer	Not available.		
		Herculase II Fusion DNA Polymerase	Not available.		
		SureSelect QXT Index 1 Read Primer	Not available.		
		SureSelect QXT Read Primer 1	Not available.		
		SureSelect QXT Read Primer 2	Not available.		
		SureSelect QXT P7 i1	Not available.		
		SureSelect QXT P7 i2	Not available.		
		SureSelect QXT P7 i3	Not available.		
		SureSelect QXT P7 i4	Not available.		
		SureSelect QXT P7 i5	Not available.		
		SureSelect QXT P7 i6	Not available.		
		SureSelect QXT P7 i7	Not available.		
		SureSelect QXT P7 i8	Not available.		
		SureSelect QXT P7 i9	Not available.		
		SureSelect QXT P7 i10	Not available.		
		SureSelect QXT P7 i11	Not available.		
		SureSelect QXT P7 i12	Not available.		
		SureSelect QXT P5 i13	Not available.		
		SureSelect QXT P5 i14	Not available.		
		SureSelect QXT P5 i15	Not available.		
		SureSelect QXT P5 i16	Not available.		
		SureSelect QXT P5 i17	Not available.		
		SureSelect QXT P5 i18	Not available.		
		SureSelect QXT P5 i19	Not available.		
		SureSelect QXT P5 i20	Not available.		
		100 mM dNTP Mix	Not available.		
		5X Herculase II Reaction Buffer	Not available.		
		SureSelect QXT Index 2 Read Primer	Not available.		
		Relative density	:	<input checked="" type="checkbox"/> DMSO	1.1
				SureSelect QXT Enzyme Mix ILM	Not available.
SureSelect QXT Buffer	Not available.				
Herculase II Fusion DNA Polymerase	Not available.				
SureSelect QXT Index 1 Read Primer	Not available.				
SureSelect QXT Read Primer 1	Not available.				
SureSelect QXT Read Primer 2	Not available.				
SureSelect QXT P7 i1	Not available.				
SureSelect QXT P7 i2	Not available.				
SureSelect QXT P7 i3	Not available.				
SureSelect QXT P7 i4	Not available.				
SureSelect QXT P7 i5	Not available.				
SureSelect QXT P7 i6	Not available.				
SureSelect QXT P7 i7	Not available.				
SureSelect QXT P7 i8	Not available.				
SureSelect QXT P7 i9	Not available.				
SureSelect QXT P7 i10	Not available.				
SureSelect QXT P7 i11	Not available.				
SureSelect QXT P7 i12	Not available.				
SureSelect QXT P5 i13	Not available.				

Section 9. Physical and chemical properties and safety characteristics

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

Section 9. Physical and chemical properties and safety characteristics

	SureSelect QXT P5 i19	Easily soluble in the following materials: cold water and hot water.
	SureSelect QXT P5 i20	Easily soluble in the following materials: cold water and hot water.
	100 mM dNTP Mix	Easily soluble in the following materials: cold water and hot water.
	5X Herculase II Reaction Buffer	Easily soluble in the following materials: cold water and hot water.
	SureSelect QXT Index 2 Read Primer	Easily soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/water	: <input checked="" type="checkbox"/> DMSO	-1.35
	SureSelect QXT Enzyme Mix ILM	Not applicable.
	SureSelect QXT Buffer	Not applicable.
	Herculase II Fusion DNA Polymerase	Not applicable.
	SureSelect QXT Index 1 Read Primer	Not applicable.
	SureSelect QXT Read Primer 1	Not applicable.
	SureSelect QXT Read Primer 2	Not applicable.
	SureSelect QXT P7 i1	Not applicable.
	SureSelect QXT P7 i2	Not applicable.
	SureSelect QXT P7 i3	Not applicable.
	SureSelect QXT P7 i4	Not applicable.
	SureSelect QXT P7 i5	Not applicable.
	SureSelect QXT P7 i6	Not applicable.
	SureSelect QXT P7 i7	Not applicable.
	SureSelect QXT P7 i8	Not applicable.
	SureSelect QXT P7 i9	Not applicable.
	SureSelect QXT P7 i10	Not applicable.
	SureSelect QXT P7 i11	Not applicable.
	SureSelect QXT P7 i12	Not applicable.
	SureSelect QXT P5 i13	Not applicable.
	SureSelect QXT P5 i14	Not applicable.
	SureSelect QXT P5 i15	Not applicable.
	SureSelect QXT P5 i16	Not applicable.
	SureSelect QXT P5 i17	Not applicable.
	SureSelect QXT P5 i18	Not applicable.
	SureSelect QXT P5 i19	Not applicable.
	SureSelect QXT P5 i20	Not applicable.
	100 mM dNTP Mix	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect QXT Index 2 Read Primer	Not applicable.
Auto-ignition temperature	: <input checked="" type="checkbox"/> DMSO	300 to 302°C (572 to 575.6°F)
	SureSelect QXT Enzyme Mix ILM	Not available.
	SureSelect QXT Buffer	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	SureSelect QXT Index 1 Read Primer	Not available.
	SureSelect QXT Read Primer 1	Not available.
	SureSelect QXT Read Primer 2	Not available.
	SureSelect QXT P7 i1	Not available.
	SureSelect QXT P7 i2	Not available.
	SureSelect QXT P7 i3	Not available.

Section 9. Physical and chemical properties and safety characteristics

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

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

Section 9. Physical and chemical properties and safety characteristics

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	
SureSelect QXT P5 i17				
Edetic acid	>400	>752	VDI 2263	
SureSelect QXT P5 i18				
Edetic acid	>400	>752	VDI 2263	
SureSelect QXT P5 i19				
Edetic acid	>400	>752	VDI 2263	

Section 9. Physical and chemical properties and safety characteristics

SureSelect QXT P5 i20			
Edetic acid	>400	>752	VDI 2263
SureSelect QXT Index 2 Read Primer			
Edetic acid	>400	>752	VDI 2263

Decomposition temperature : DMSO 140 to 189°C (284 to 372.2°F)

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

Viscosity : DMSO Dynamic: 2.14 mPa·s (2.14 cP)


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.

Section 9. Physical and chemical properties and safety characteristics

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

Particle characteristics

Median particle size

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

Section 10. Stability and reactivity

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 for this product or its ingredients.
SureSelect QXT Buffer	No specific test data related to reactivity available for this product or its ingredients.
Herculase II Fusion DNA Polymerase	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT Index 1 Read Primer	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT Read Primer 1	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT Read Primer 2	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P7 i1	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P7 i2	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P7 i3	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P7 i4	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P7 i5	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P7 i6	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P7 i7	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P7 i8	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P7 i9	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P7 i10	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P7 i11	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P7 i12	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P5 i13	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P5 i14	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P5 i15	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P5 i16	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P5 i17	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P5 i18	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P5 i19	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT P5 i20	No specific test data related to reactivity available for this product or its ingredients.
100 mM dNTP Mix	No specific test data related to reactivity available for this product or its ingredients.
5X Herculase II Reaction Buffer	No specific test data related to reactivity available for this product or its ingredients.
SureSelect QXT Index 2 Read Primer	No specific test data related to reactivity available for this product or its ingredients.

Section 10. Stability and reactivity

Chemical stability	: <input checked="" type="checkbox"/> DMSO	The product is stable.
	SureSelect QXT Enzyme Mix ILM	The product is stable.
	SureSelect QXT Buffer	The product is stable.
	Herculase II Fusion DNA Polymerase	The product is stable.
	SureSelect QXT Index 1 Read Primer	The product is stable.
	SureSelect QXT Read Primer 1	The product is stable.
	SureSelect QXT Read Primer 2	The product is stable.
	SureSelect QXT P7 i1	The product is stable.
	SureSelect QXT P7 i2	The product is stable.
	SureSelect QXT P7 i3	The product is stable.
	SureSelect QXT P7 i4	The product is stable.
	SureSelect QXT P7 i5	The product is stable.
	SureSelect QXT P7 i6	The product is stable.
	SureSelect QXT P7 i7	The product is stable.
	SureSelect QXT P7 i8	The product is stable.
	SureSelect QXT P7 i9	The product is stable.
	SureSelect QXT P7 i10	The product is stable.
	SureSelect QXT P7 i11	The product is stable.
	SureSelect QXT P7 i12	The product is stable.
	SureSelect QXT P5 i13	The product is stable.
	SureSelect QXT P5 i14	The product is stable.
	SureSelect QXT P5 i15	The product is stable.
	SureSelect QXT P5 i16	The product is stable.
	SureSelect QXT P5 i17	The product is stable.
	SureSelect QXT P5 i18	The product is stable.
	SureSelect QXT P5 i19	The product is stable.
	SureSelect QXT P5 i20	The product is stable.
	100 mM dNTP Mix	The product is stable.
	5X Herculase II Reaction Buffer	The product is stable.
	SureSelect QXT Index 2 Read Primer	The product is stable.
 Possibility of hazardous reactions	 : <input checked="" type="checkbox"/> DMSO	 Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect QXT Enzyme Mix ILM	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect QXT Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.
	Herculase II Fusion DNA Polymerase	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect QXT Index 1 Read Primer	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect QXT Read Primer 1	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect QXT Read Primer 2	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect QXT P7 i1	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect QXT P7 i2	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect QXT P7 i3	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect QXT P7 i4	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect QXT P7 i5	Under normal conditions of storage and use, hazardous reactions will not occur.

Section 10. Stability and reactivity

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

Conditions to avoid

:  DMSO

Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapour to accumulate in low or confined areas.

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.

Section 10. Stability and reactivity

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.

Incompatible materials

:  DMSO

SureSelect QXT Enzyme Mix ILM	Reactive or incompatible with the following materials: oxidising materials May react or be incompatible with oxidising materials.
SureSelect QXT Buffer Herculase II Fusion DNA Polymerase	May react or be incompatible with oxidising materials. May react or be incompatible with oxidising materials.
SureSelect QXT Index 1 Read Primer	May react or be incompatible with oxidising materials.
SureSelect QXT Read Primer 1	May react or be incompatible with oxidising materials.
SureSelect QXT Read Primer 2	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i1	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i2	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i3	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i4	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i5	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i6	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i7	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i8	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i9	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i10	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i11	May react or be incompatible with oxidising materials.
SureSelect QXT P7 i12	May react or be incompatible with oxidising materials.
SureSelect QXT P5 i13	May react or be incompatible with oxidising materials.
SureSelect QXT P5 i14	May react or be incompatible with oxidising materials.
SureSelect QXT P5 i15	May react or be incompatible with oxidising materials.
SureSelect QXT P5 i16	May react or be incompatible with oxidising materials.
SureSelect QXT P5 i17	May react or be incompatible with oxidising materials.
SureSelect QXT P5 i18	May react or be incompatible with oxidising materials.
SureSelect QXT P5 i19	May react or be incompatible with oxidising materials.
SureSelect QXT P5 i20	May react or be incompatible with oxidising materials.
100 mM dNTP Mix	May react or be incompatible with oxidising materials.
5X Herculase II Reaction Buffer	May react or be incompatible with oxidising materials.
SureSelect QXT Index 2 Read Primer	May react or be incompatible with oxidising materials.

Hazardous decomposition products

:  DMSO

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

Section 10. Stability and reactivity

	hazardous decomposition products should not be produced.
Herculase II Fusion DNA Polymerase	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect QXT Index 1 Read Primer	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect QXT Read Primer 1	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect QXT Read Primer 2	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect QXT P7 i1	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect QXT P7 i2	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect QXT P7 i3	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect QXT P7 i4	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect QXT P7 i5	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect QXT P7 i6	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect QXT P7 i7	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect QXT P7 i8	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect QXT P7 i9	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect QXT P7 i10	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect QXT P7 i11	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect QXT P7 i12	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect QXT P5 i13	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect QXT P5 i14	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect QXT P5 i15	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect QXT P5 i16	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SureSelect QXT P5 i17	Under normal conditions of storage and use,

Section 10. Stability and reactivity

SureSelect QXT P5 i18	hazardous decomposition products should not be produced. 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

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
DMSO Dimethyl sulfoxide	LD50 Dermal LD50 Oral	Rat Rat	40000 mg/kg 14500 mg/kg	- -
SureSelect QXT Enzyme Mix ILM Glycerol	LD50 Oral	Rat	12600 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 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 mg	-
	Skin - Mild irritant	Rabbit	-	100 mg	-
SureSelect QXT Enzyme Mix ILM Glycerol	Eyes - Mild irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-

Section 11. Toxicological information

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	-

Sensitisation

Not available.

Mutagenicity

Conclusion/Summary : Not available.

Carcinogenicity

Conclusion/Summary : Not available.

Reproductive toxicity

Conclusion/Summary : Not available.

Teratogenicity

Conclusion/Summary : Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

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

Section 11. Toxicological information

SureSelect QXT P5 i15	Not available.
SureSelect QXT P5 i16	Not available.
SureSelect QXT P5 i17	Not available.
SureSelect QXT P5 i18	Not available.
SureSelect QXT P5 i19	Not available.
SureSelect QXT P5 i20	Not available.
100 mM dNTP Mix	Not available.
5X Herculase II Reaction Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
SureSelect QXT Index 2 Read Primer	Not available.

Potential acute health effects

Eye contact

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

Section 11. Toxicological information

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

Section 11. Toxicological information

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 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.


Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: DMSO	No specific data.
	SureSelect QXT Enzyme Mix ILM	No specific data.
	SureSelect QXT Buffer	No specific data.
	Herculase II Fusion DNA Polymerase	No specific data.
	SureSelect QXT Index 1 Read Primer	No specific data.
	SureSelect QXT Read Primer 1	No specific data.
	SureSelect QXT Read Primer 2	No specific data.
	SureSelect QXT P7 i1	No specific data.
	SureSelect QXT P7 i2	No specific data.
	SureSelect QXT P7 i3	No specific data.
	SureSelect QXT P7 i4	No specific data.
	SureSelect QXT P7 i5	No specific data.
	SureSelect QXT P7 i6	No specific data.
	SureSelect QXT P7 i7	No specific data.
	SureSelect QXT P7 i8	No specific data.
	SureSelect QXT P7 i9	No specific data.
	SureSelect QXT P7 i10	No specific data.
	SureSelect QXT P7 i11	No specific data.
	SureSelect QXT P7 i12	No specific data.

Section 11. Toxicological information

	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	Adverse symptoms may include the following: pain or irritation watering redness
	SureSelect QXT Index 2 Read Primer	No specific data.
Inhalation	: DMSO	No specific data.
	SureSelect QXT Enzyme Mix ILM	No specific data.
	SureSelect QXT Buffer	No specific data.
	Herculase II Fusion DNA Polymerase	No specific data.
	SureSelect QXT Index 1 Read Primer	No specific data.
	SureSelect QXT Read Primer 1	No specific data.
	SureSelect QXT Read Primer 2	No specific data.
	SureSelect QXT P7 i1	No specific data.
	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 Polymerase	No specific data.
	SureSelect QXT Index 1 Read Primer	No specific data.
	SureSelect QXT Read Primer 1	No specific data.

Section 11. Toxicological information

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

Section 11. Toxicological information

Read Primer

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

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

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

Section 11. Toxicological information

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

Section 11. Toxicological information

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

Numerical measures of toxicity

Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
DMSO Dimethyl sulfoxide	14500	40000	N/A	N/A	N/A
SureSelect QXT Enzyme Mix ILM Glycerol	12600	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 Hexadecan-1-ol, ethoxylated	52350 500	N/A N/A	N/A N/A	N/A N/A	N/A N/A

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
DMSO Dimethyl sulfoxide	Acute LC50 25000 ppm Fresh water Acute LC50 34000000 µg/l Fresh water Chronic NOEC 100 ul/L Marine water Chronic NOEC 100 ul/L Fresh water	Daphnia - Daphnia magna - Neonate Fish - Pimephales promelas Algae - Ulva lactuca Daphnia - Daphnia magna - Juvenile (Fledgling, Hatchling, Weanling)	48 hours 96 hours 72 hours 21 days
SureSelect QXT Enzyme Mix ILM Glycerol	Acute LC50 54000 mg/l Fresh water	Fish - Oncorhynchus mykiss	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 Hexadecan-1-ol, ethoxylated	Acute LC50 330000 to 1000000 µg/l Marine water	Crustaceans - Crangon crangon - Adult	48 hours

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	-	-

Section 12. Ecological information

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

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
DMSO Dimethyl sulfoxide	-1.35	3.16	low
SureSelect QXT Enzyme Mix ILM Glycerol	-1.76	-	low
SureSelect QXT Buffer Glycerol	-1.76	-	low
Herculase II Fusion DNA Polymerase Glycerol	-1.76	-	low

Mobility in soil

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

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

Section 13. Disposal considerations

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

Section 14. Transport information

ADG / IMDG / IATA : Not regulated as Dangerous Goods according to the ADG Code .

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

Transport in bulk according to IMO instruments : Not available.

Section 15. Regulatory information

Standard for the Uniform Scheduling of Medicines and Poisons

6

Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

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.

Section 16. Any other relevant information

History

Date of issue/Date of revision : 18/04/2022

Date of previous issue : 17/02/2021

Version : 5

Key to abbreviations

: ADG = Australian Dangerous Goods
 ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
 ATE = Acute Toxicity Estimate
 BCF = Bioconcentration Factor
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IATA = International Air Transport Association
 IBC = Intermediate Bulk Container
 IMDG = 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

Section 16. Any other relevant information

SUSMP = Standard Uniform Schedule of Medicine and Poisons
 UN = United Nations

Procedure used to derive the classification

Classification	Justification
DMSO FLAMMABLE LIQUIDS - Category 4 5X Herculase II Reaction Buffer SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A	On basis of test data Calculation method

References : Not available.

✔ Indicates information that has changed from previously issued version.

Notice to reader

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