Conforms to US OSHA Hazard Communication 29CFR1910.1200

SAFETY DATA SHEET



SureSelect XT HS Reagent Kit, index 1-16 + SSel Cancer All-In-One Lung Panel, 16rxn, Part Number G9704R

Section 1. Identification

| 1.1 Product identifier | | |
|-----------------------------|--|---|
| Product name | : SureSelect XT HS Reagent Kit, index 1-16 + Part Number G9704R | - SSel Cancer All-In-One Lung Panel, 16rxn, |
| Part no. (chemical kit) | : G9704R | |
| Part no. | : SureSelect XT HS Library Preparation Kit | <u>5500-0138</u> |
| | for ILM (Pre PCR), 16 Reactions | |
| | End Repair-A Tailing Enzyme Mix | 5190-6412 |
| | End Repair-A Tailing Buffer | 5190-6413 |
| | T4 DNA Ligase | 5190-6414 |
| | Ligation Buffer | 5190-6415 |
| | Adaptor Oligo Mix | 5190-6416 |
| | Forward Primer | 5190-6417 |
| | SureSelect XT HS Library Preparation Kit | <u>5500-0138 / 5190-9684</u> |
| | for ILM (Pre PCR), 16 Reactions / | |
| | SureSelect XT HS Target Enrichment Kit, | |
| | ILM Hyb Module, Box 2 (Post PCR), 16 | |
| | <u>Reactions</u> 100 mM dNTP Mix (25 mM each dNTP) | 5190-6418 |
| | Herculase II Fusion DNA Polymerase | 5190-7742 |
| | 5X Herculase II Reaction Buffer | 600675-52 |
| | SureSelect XT HS Target Enrichment Kit, | <u>5190-9685</u> |
| | ILM Hyb Module, Box 1 (Post PCR), 16 | 0100 0000 |
| | <u>Reactions</u> | |
| | SureSelect Binding Buffer | 5190-4399 |
| | SureSelect Wash Buffer 1 | 5190-4400 |
| | SureSelect Wash Buffer 2 | 5190-4401 |
| | <u>SureSelect XT HS Target Enrichment Kit,</u> | <u>5190-9684</u> |
| | ILM Hyb Module, Box 2 (Post PCR), 16 | |
| | Reactions | 5400.0000 |
| | SureSelect XT HS Blocker Mix | 5190-9683 |
| | SureSelect Fast Hybridization Buffer | 5190-7327 |
| | SureSelect RNase Block SureSelect Post- Capture Primer Mix | 5190-4383 5190-9730 |
| | SureSelect XT HS Index Primers 1-16 for | 5500-0141 |
| | ILM (Pre PCR), 16 Reactions | <u>3300-0141</u> |
| | SureSelect XT HS Index Primer A01-H02 | Various* |
| | SSel XT HS Cancer All-In-One Lung, 16 | <u>5191-4096</u> |
| | Reactions | |
| | SSel XT HS Cancer All-In-One Lung, 16 | 5191-4096 |
| | Reactions | |
| Validation date | : 4/30/2024 | |
| 1.2 Relevant identified use | es of the substance or mixture and uses advised | <u>l against</u> |
| Identified uses | : 🗚 nalytical reagent. | |
| | For research use only. | |
| | End Repair-A Tailing Enzyme Mix | 0.064 ml (16 reactions) |
| | End Repair-A Tailing Buffer | 0.256 ml (16 reactions) |
| | T4 DNA Ligase | 0.032 ml (16 reactions) |
| | Ligation Buffer | 0.368 ml (16 reactions) |
| | Adaptor Oligo Mix | 0.08 ml (16 reactions) |
| | Forward Primer | 0.032 ml (16 reactions) |
| | 100 mM dNTP Mix (25 mM each dNTP) | 0.009 ml (16 reactions) |
| | Herculase II Fusion DNA Polymerase | 0.016 ml (32 reactions) |
| | | |

Section 1. Identification

| | 5X Herculase II Reaction Buffer | 1.5 ml |
|--------------------------------|---|-----------------------------|
| | SureSelect Binding Buffer | 13.2 ml |
| | SureSelect Wash Buffer 1 | 8 ml |
| | SureSelect Wash Buffer 2 | 24 ml |
| | SureSelect XT HS and XT Low Input Blocker Mix | 0.08 ml (16 reactions) |
| | SureSelect Fast Hybridization Buffer | 0.45 ml |
| | SureSelect RNase Block | 0.016 ml |
| | SureSelect Post- Capture Primer Mix | 0.016 ml (16 reactions) |
| | SureSelect XT HS Index Primer A01-H02 | 16 x 0.01 ml (16 reactions) |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | 0.032 ml (16 reactions) |
| Uses advised against | : Not for use in diagnostic procedures. | |
| | C I | |
| 1.3 Details of the supplier of | of the safety data sheet | |
| Supplier/Manufacturer | : Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA 800-227-9770 | |
| 1.4 Emergency telephone n | umber | |
| In case of emergency | : CHEMTREC®: 1-800-424-9300 | |
| Note * | *SureSelect XT HS Index Primer A01-H02: 5190-6419 5190-6423, 5190-6424, 5190-6425, 5190-6426, 5190-6 5190-6431, 5190-6432, 5190-6433, 5190-6434 | |

| 2.1 Classification of the su | <u>ubstance or mixture</u> | |
|------------------------------|---|---|
| OSHA/HCS status | : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer | This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product. |
| | T4 DNA Ligase | This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). |
| | Ligation Buffer | This material is considered hazardous by the OSHA / Hazard Communication Standard (29 CFR 1910.1200). |
| | Adaptor Oligo Mix | While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product. |
| | Forward Primer | While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product. |
| | 100 mM dNTP Mix (25 mM each dNTP) | While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. |

| | This SDS should be retained and available for employees |
|---|--|
| | and other users of this product. |
| Herculase II Fusion DNA | This material is considered hazardous by the OSHA |
| Polymerase | Hazard Communication Standard (29 CFR 1910.1200). |
| 5X Herculase II Reaction | While this material is not considered hazardous by the |
| Buffer | OSHA Hazard Communication Standard (29 CFR |
| | 1910.1200), this SDS contains valuable information |
| | critical to the safe handling and proper use of the product. |
| | This SDS should be retained and available for employees |
| | and other users of this product. |
| SureSelect Binding Buffer | While this material is not considered hazardous by the |
| Carocoloci Binanig Banor | OSHA Hazard Communication Standard (29 CFR |
| | 1910.1200), this SDS contains valuable information |
| | critical to the safe handling and proper use of the product. |
| | This SDS should be retained and available for employees |
| | and other users of this product. |
| SureSelect Wash Buffer 1 | While this material is not considered hazardous by the |
| SuleSelect Wash Buller 1 | OSHA Hazard Communication Standard (29 CFR |
| | |
| | 1910.1200), this SDS contains valuable information |
| | critical to the safe handling and proper use of the product. |
| | This SDS should be retained and available for employees |
| | and other users of this product. |
| SureSelect Wash Buffer 2 | While this material is not considered hazardous by the |
| | OSHA Hazard Communication Standard (29 CFR |
| | 1910.1200), this SDS contains valuable information |
| | critical to the safe handling and proper use of the product. |
| | This SDS should be retained and available for employees |
| | and other users of this product. |
| SureSelect XT HS and XT | While this material is not considered hazardous by the |
| Low Input Blocker Mix | OSHA Hazard Communication Standard (29 CFR |
| | 1910.1200), this SDS contains valuable information |
| | critical to the safe handling and proper use of the product. |
| | This SDS should be retained and available for employees |
| | and other users of this product. |
| SureSelect Fast | While this material is not considered hazardous by the |
| Hybridization Buffer | OSHA Hazard Communication Standard (29 CFR |
| - | 1910.1200), this SDS contains valuable information |
| | critical to the safe handling and proper use of the product. |
| | This SDS should be retained and available for employees |
| | and other users of this product. |
| SureSelect RNase Block | This material is considered hazardous by the OSHA |
| | Hazard Communication Standard (29 CFR 1910.1200). |
| SureSelect Post- Capture | While this material is not considered hazardous by the |
| Primer Mix | OSHA Hazard Communication Standard (29 CFR |
| | 1910.1200), this SDS contains valuable information |
| | critical to the safe handling and proper use of the product. |
| | This SDS should be retained and available for employees |
| | and other users of this product. |
| SureSelect XT HS Index | While this material is not considered hazardous by the |
| Primer A01-H02 | OSHA Hazard Communication Standard (29 CFR |
| Filler Aut-filoz | 1910.1200), this SDS contains valuable information |
| | |
| | critical to the safe handling and proper use of the product. |
| | This SDS should be retained and available for employees |
| | and other users of this product. |
| | While this motorial is not considered be but the |
| SSel XT HS Cancer All-In- | While this material is not considered hazardous by the |
| SSel XT HS Cancer All-In- One Lung, 16 Reactions | OSHA Hazard Communication Standard (29 CFR |
| | OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information |
| | OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. |
| | OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information |

| Section 2. Hazard | | |
|------------------------------|-----------------------------------|--|
| Classification of the substa | | |
| End Repair-A Tailing Enzym | 10 | |
| Mix | | |
| H320 | EYE IRRITATION - Category 2B | |
| T4 DNA Ligase | | |
| H320 | EYE IRRITATION - Category 2B | |
| | | |
| Ligation Buffer | | |
| H320 | EYE IRRITATION - Category 2B | |
| | | |
| Herculase II Fusion DNA | | |
| Polymerase H320 | EYE IRRITATION - Category 2B | |
| 11520 | ETE IRRITATION - Calegory 2B | |
| SureSelect RNase Block | | |
| H320 | EYE IRRITATION - Category 2B | |
| | 100 mM dNTP Mix (25 mM each | Percentage of the mixture consisting of ingredient |
| | dNTP) | (s) of unknown hazards to the aquatic environment: |
| | , | 5.3% |
| | SureSelect Fast Hybridization | Percentage of the mixture consisting of ingredient |
| | Buffer | (s) of unknown hazards to the aquatic environment: |
| | | 31.3% |
| | | |
| 2.2 GHS label elements | | |
| Signal word | End Repair-A Tailing Enzyme Mix | Warning |
| | End Repair-A Tailing Buffer | No signal word. |
| | T4 DNA Ligase | Warning |
| | Ligation Buffer | Warning |
| | Adaptor Oligo Mix | No signal word. |
| | Forward Primer | No signal word. |
| | 100 mM dNTP Mix (25 mM each | No signal word. |
| | dNTP) Herculase II Fusion DNA | Warning |
| | Polymerase | Warning |
| | 5X Herculase II Reaction Buffer | No signal word. |
| | SureSelect Binding Buffer | No signal word. |
| | SureSelect Wash Buffer 1 | No signal word. |
| | SureSelect Wash Buffer 2 | No signal word. |
| | SureSelect XT HS and XT Low | No signal word. |
| | Input Blocker Mix | |
| | SureSelect Fast Hybridization | No signal word. |
| | Buffer SureSelect RNase Block | Warning |
| | SureSelect Post- Capture Primer | No signal word. |
| | Mix | |
| | SureSelect XT HS Index Primer | No signal word. |
| | A01-H02 | |
| | SSel XT HS Cancer All-In-One | No signal word. |
| | Lung, 16 Reactions | |
| Hazard statements | : End Repair-A Tailing Enzyme Mix | H320 - Causes eye irritation. |
| | End Repair-A Tailing Buffer | No known significant effects or critical hazards. |
| | T4 DNA Ligase Ligation Buffer | H320 - Causes eye irritation. H320 - Causes eye irritation. |
| | Adaptor Oligo Mix | No known significant effects or critical hazards. |
| | Forward Primer | No known significant effects or critical hazards. |
| | 100 mM dNTP Mix (25 mM each | No known significant effects or critical hazards. |
| | dNTP) | . |
| | Herculase II Fusion DNA | H320 - Causes eye irritation. |
| Date of issue : 04/30/ | 2024 | 4/75 |

| | | dominioation | |
|--------------------------|---|---------------------------------|---|
| | | Polymerase | |
| | | 5X Herculase II Reaction Buffer | No known significant effects or critical hazards. |
| | | SureSelect Binding Buffer | No known significant effects or critical hazards. |
| | | SureSelect Wash Buffer 1 | No known significant effects or critical hazards. |
| | | SureSelect Wash Buffer 2 | No known significant effects or critical hazards. |
| | | SureSelect XT HS and XT Low | No known significant effects or critical hazards. |
| | | | NO KHOWH SIGNINGANT ENECTS OF CHILCAI HAZARUS. |
| | | Input Blocker Mix | |
| | | SureSelect Fast Hybridization | No known significant effects or critical hazards. |
| | | Buffer | |
| | | SureSelect RNase Block | H320 - Causes eye irritation. |
| | | SureSelect Post- Capture Primer | No known significant effects or critical hazards. |
| | | Mix | C C |
| | | SureSelect XT HS Index Primer | No known significant effects or critical hazards. |
| | | A01-H02 | |
| | | SSel XT HS Cancer All-In-One | No known significant effects or critical hazards. |
| | | | No known significant enects of childar hazards. |
| | | Lung, 16 Reactions | |
| Precautionary statements | | | |
| Prevention | 1 | End Repair-A Tailing Enzyme Mix | Not applicable. |
| | | End Repair-A Tailing Buffer | Not applicable. |
| | | T4 DNA Ligase | Not applicable. |
| | | | |
| | | Ligation Buffer | Not applicable. |
| | | Adaptor Oligo Mix | Not applicable. |
| | | Forward Primer | Not applicable. |
| | | 100 mM dNTP Mix (25 mM each | Not applicable. |
| | | dNTP) | |
| | | Herculase II Fusion DNA | Not applicable. |
| | | Polymerase | |
| | | 5X Herculase II Reaction Buffer | Not applicable. |
| | | SureSelect Binding Buffer | Not applicable. |
| | | SureSelect Wash Buffer 1 | Not applicable. |
| | | SureSelect Wash Buffer 2 | |
| | | | Not applicable. |
| | | SureSelect XT HS and XT Low | Not applicable. |
| | | Input Blocker Mix | |
| | | SureSelect Fast Hybridization | Not applicable. |
| | | Buffer | |
| | | SureSelect RNase Block | Not applicable. |
| | | SureSelect Post- Capture Primer | Not applicable. |
| | | Mix | |
| | | SureSelect XT HS Index Primer | Not applicable. |
| | | A01-H02 | |
| | | SSel XT HS Cancer All-In-One | Not applicable. |
| | | Lung, 16 Reactions | |
| Description | | • | |
| Response | 1 | End Repair-A Tailing Enzyme Mix | P305 + P351 + P338 - IF IN EYES: Rinse |
| | | | cautiously with water for several minutes. Remove |
| | | | contact lenses, if present and easy to do. Continue |
| | | | rinsing. |
| | | | P337 + P313 - If eye irritation persists: Get medical |
| | | | advice or attention. |
| | | End Repair-A Tailing Buffer | Not applicable. |
| | | T4 DNA Ligase | P305 + P351 + P338 - IF IN EYES: Rinse |
| | | I + DIVA Elgase | cautiously with water for several minutes. Remove |
| | | | |
| | | | contact lenses, if present and easy to do. Continue |
| | | | rinsing. |
| | | | P337 + P313 - If eye irritation persists: Get medical |
| | | | advice or attention. |
| | | Ligation Buffer | P305 + P351 + P338 - IF IN EYES: Rinse |
| | | | cautiously with water for several minutes. Remove |
| | | | contact lenses, if present and easy to do. Continue |
| | | | rinsing. |
| | | | P337 + P313 - If eye irritation persists: Get medical |
| r | | | |

| | | advice or attention. |
|---------------|---|---|
| | Adaptor Oligo Mix | Not applicable. |
| | Forward Primer | Not applicable. |
| | | |
| | 100 mM dNTP Mix (25 mM each | Not applicable. |
| | dNTP) | |
| | Herculase II Fusion DNA | P305 + P351 + P338 - IF IN EYES: Rinse |
| | | |
| | Polymerase | cautiously with water for several minutes. Remove |
| | | contact lenses, if present and easy to do. Continue |
| | | rinsing. |
| | | • |
| | | P337 + P313 - If eye irritation persists: Get medical |
| | | advice or attention. |
| | 5X Herculase II Reaction Buffer | Not applicable. |
| | | |
| | SureSelect Binding Buffer | Not applicable. |
| | SureSelect Wash Buffer 1 | Not applicable. |
| | SureSelect Wash Buffer 2 | Not applicable. |
| | SureSelect XT HS and XT Low | |
| | | Not applicable. |
| | Input Blocker Mix | |
| | SureSelect Fast Hybridization | Not applicable. |
| | Buffer | |
| | | |
| | SureSelect RNase Block | P305 + P351 + P338 - IF IN EYES: Rinse |
| | | cautiously with water for several minutes. Remove |
| | | contact lenses, if present and easy to do. Continue |
| | | |
| | | rinsing. |
| | | P337 + P313 - If eye irritation persists: Get medical |
| | | advice or attention. |
| | SuraSalact Past, Cantura Primar | |
| | SureSelect Post- Capture Primer | Not applicable. |
| | Mix | |
| | SureSelect XT HS Index Primer | Not applicable. |
| | A01-H02 | |
| | | Net employed |
| | SSel XT HS Cancer All-In-One | Not applicable. |
| | Lung, 16 Reactions | |
| O tomo | - | Net englische |
| Storage | : End Repair-A Tailing Enzyme Mix | Not applicable. |
| | End Repair-A Tailing Buffer | Not applicable. |
| | T4 DNA Ligase | Not applicable. |
| | T I DI W LIGUOD | |
| | Lightion Buffor | |
| | Ligation Buffer | Not applicable. |
| | Ligation Buffer Adaptor Oligo Mix | |
| | Adaptor Oligo Mix | Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer | Not applicable. Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each | Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) | Not applicable. Not applicable. Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each | Not applicable. Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA | Not applicable. Not applicable. Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase | Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer | Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer | Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer | Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 | Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 | Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low | Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 | Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix | Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization | Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer | Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block | Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer | Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer | Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix | Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer | Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer A01-H02 | Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer | Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer A01-H02 SSel XT HS Cancer All-In-One | Not applicable. Not applicable. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer A01-H02 | Not applicable. Not applicable. |
| Disposal | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer A01-H02 SSel XT HS Cancer All-In-One | Not applicable. Not applicable. |

| | End Repair-A Tailing Enzyme Mix | Not applicable. |
|---------------------------------------|-----------------------------------|-----------------|
| | End Repair-A Tailing Buffer | Not applicable. |
| | T4 DNA Ligase | Not applicable. |
| | Ligation Buffer | Not applicable. |
| | | |
| | Adaptor Oligo Mix | Not applicable. |
| | Forward Primer | Not applicable. |
| | 100 mM dNTP Mix (25 mM each | Not applicable. |
| | dNTP) | |
| | Herculase II Fusion DNA | Not applicable. |
| | Polymerase | |
| | 5X Herculase II Reaction Buffer | Not applicable. |
| | | |
| | SureSelect Binding Buffer | Not applicable. |
| | SureSelect Wash Buffer 1 | Not applicable. |
| | SureSelect Wash Buffer 2 | Not applicable. |
| | SureSelect XT HS and XT Low | Not applicable. |
| | Input Blocker Mix | |
| | SureSelect Fast Hybridization | Not applicable. |
| | Buffer | |
| | SureSelect RNase Block | Not applicable. |
| | | |
| | SureSelect Post- Capture Primer | Not applicable. |
| | Mix | |
| | SureSelect XT HS Index Primer | Not applicable. |
| | A01-H02 | |
| | SSel XT HS Cancer All-In-One | Not applicable. |
| | Lung, 16 Reactions | |
| Supplemental Jabel | : End Repair-A Tailing Enzyme Mix | None known. |
| Supplemental label | | |
| elements | End Repair-A Tailing Buffer | None known. |
| | T4 DNA Ligase | None known. |
| | Ligation Buffer | None known. |
| | Adaptor Oligo Mix | None known. |
| | Forward Primer | None known. |
| | 100 mM dNTP Mix (25 mM each | None known. |
| | dNTP) | |
| | Herculase II Fusion DNA | Nono known |
| | | None known. |
| | Polymerase | |
| | 5X Herculase II Reaction Buffer | None known. |
| | SureSelect Binding Buffer | None known. |
| | SureSelect Wash Buffer 1 | None known. |
| | SureSelect Wash Buffer 2 | None known. |
| | SureSelect XT HS and XT Low | None known. |
| | Input Blocker Mix | |
| | SureSelect Fast Hybridization | None known. |
| | | NOTE KIOWIT. |
| | Buffer | Niewe Lucci |
| | SureSelect RNase Block | None known. |
| | SureSelect Post- Capture Primer | None known. |
| | Mix | |
| | SureSelect XT HS Index Primer | None known. |
| | A01-H02 | |
| | SSel XT HS Cancer All-In-One | None known. |
| | Lung, 16 Reactions | |
| | | |
| 2.3 Other hazards | | |
| Hazards not otherwise | : End Repair-A Tailing Enzyme Mix | None known. |
| classified | End Repair-A Tailing Buffer | None known. |
| | T4 DNA Ligase | None known. |
| | | |
| | Ligation Buffer | None known. |
| | Adaptor Oligo Mix | None known. |
| | Forward Primer | None known. |
| | 100 mM dNTP Mix (25 mM each | None known. |
| | dNTP) | |
| | Herculase II Fusion DNA | None known. |
| | | |
| Date of issue : 04/30/ | 2024 | |
| · · · · · · · · · · · · · · · · · · · | | |

| Polymerase | |
|---------------------------------|-------------|
| 5X Herculase II Reaction Buffer | None known. |
| SureSelect Binding Buffer | None known. |
| SureSelect Wash Buffer 1 | None known. |
| SureSelect Wash Buffer 2 | None known. |
| SureSelect XT HS and XT Low | None known. |
| Input Blocker Mix | |
| SureSelect Fast Hybridization | None known. |
| Buffer | |
| SureSelect RNase Block | None known. |
| SureSelect Post- Capture Primer | None known. |
| Mix | |
| SureSelect XT HS Index Primer | None known. |
| A01-H02 | |
| SSel XT HS Cancer All-In-One | None known. |
| Lung, 16 Reactions | |
| 0, | |

Section 3. Composition/information on ingredients

| Substance/mixture | : End Repair-A Tailing Enzyme Mix | Mixture |
|-------------------|--|---------|
| | End Repair-A Tailing Buffer | Mixture |
| | T4 DNA Ligase | Mixture |
| | Ligation Buffer | Mixture |
| | Adaptor Oligo Mix | Mixture |
| | Forward Primer | Mixture |
| | 100 mM dNTP Mix (25 mM each dNTP) | Mixture |
| | Herculase II Fusion DNA Polymerase | Mixture |
| | 5X Herculase II Reaction Buffer | Mixture |
| | SureSelect Binding Buffer | Mixture |
| | SureSelect Wash Buffer 1 | Mixture |
| | SureSelect Wash Buffer 2 | Mixture |
| | SureSelect XT HS and XT Low Input Blocker Mix | Mixture |
| | SureSelect Fast Hybridization Buffer | Mixture |
| | SureSelect RNase Block | Mixture |
| | SureSelect Post- Capture Primer Mix | Mixture |
| | SureSelect XT HS Index Primer A01-H02 | Mixture |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | Mixture |

| Ingredient name | % | CAS number |
|---------------------------------|-----------|------------|
| End Repair-A Tailing Enzyme Mix | | |
| Glycerol | ≥50 - ≤75 | 56-81-5 |
| End Repair-A Tailing Buffer | | |
| Potassium chloride | ≤3 | 7447-40-7 |
| T4 DNA Ligase | | |
| Glycerol | ≥50 - ≤75 | 56-81-5 |
| Ligation Buffer | | |
| Date of issue : 04/30/2024 | I | 8/7 |

SureSelect XT HS Reagent Kit, index 1-16 + SSel Cancer All-In-One Lung Panel, 16rxn, Part Number G9704R

| Sureselect XTTTS Reagent Rit, index 1-10 + SSEI Gancer All-III-One I | | | |
|--|-----------|-----------|--|
| Section 3. Composition/information on ingredients | | | |
| Glycerol | ≥10 - ≤25 | 56-81-5 | |
| Herculase II Fusion DNA Polymerase | | | |
| Glycerol | ≥50 - ≤75 | 56-81-5 | |
| 5X Herculase II Reaction Buffer | | | |
| Trometamol | ≤3 | 77-86-1 | |
| Hexadecan-1-ol, ethoxylated | <2.5 | 9004-95-9 | |
| SureSelect Wash Buffer 1 | | | |
| Sodium dodecyl sulphate | ≤0.3 | 151-21-3 | |
| SureSelect Wash Buffer 2 | | | |
| Sodium dodecyl sulphate | ≤0.3 | 151-21-3 | |
| SureSelect RNase Block | | | |
| Glycerol | ≥50 - ≤75 | 56-81-5 | |
| SSel XT HS Cancer All-In-One Lung, 16 Reactions | | | |
| Glycerol | ≤3 | 56-81-5 | |

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

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

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

| 4.1 Description of neces | ssary first aid measures | |
|--------------------------|-----------------------------------|---|
| 4.1 Description of neces | ssary mist and medisares | |
| Eye contact | : End Repair-A Tailing Enzyme Mix | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention. |
| | End Repair-A Tailing 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. |
| | T4 DNA Ligase | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention. |
| | Ligation Buffer | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention. |

| modelloo | |
|--|---|
| Adaptor Oligo 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. |
| Forward 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. |
| 100 mM dNTP Mix (25 mM each | Immediately flush eyes with plenty of water, |
| dNTP) | occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get |
| | medical attention if irritation occurs. |
| Herculase II Fusion DNA | Immediately flush eyes with plenty of water, |
| Polymerase | occasionally lifting the upper and lower eyelids. |
| | Check for and remove any contact lenses. |
| | Continue to rinse for at least 10 minutes. If irritation persists, get medical attention. |
| 5X Herculase II Reaction Buffer | Immediately flush eyes with plenty of water, |
| - | occasionally lifting the upper and lower eyelids. |
| | Check for and remove any contact lenses. Get |
| | medical attention if irritation occurs. |
| SureSelect Binding Buffer | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. |
| | Check for and remove any contact lenses. Get |
| | medical attention if irritation occurs. |
| SureSelect Wash Buffer 1 | Immediately flush eyes with plenty of water, |
| | occasionally lifting the upper and lower eyelids. |
| | Check for and remove any contact lenses. Get medical attention if irritation occurs. |
| SureSelect Wash Buffer 2 | Immediately flush eyes with plenty of water, |
| | occasionally lifting the upper and lower eyelids. |
| | Check for and remove any contact lenses. Get |
| SureSelect XT HS and XT Low | medical attention if irritation occurs. Immediately flush eyes with plenty of water, |
| Input Blocker Mix | occasionally lifting the upper and lower eyelids. |
| | Check for and remove any contact lenses. Get |
| | medical attention if irritation occurs. |
| SureSelect Fast Hybridization | Immediately flush eyes with plenty of water, |
| Buffer | occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get |
| | medical attention if irritation occurs. |
| SureSelect RNase Block | Immediately flush eyes with plenty of water, |
| | occasionally lifting the upper and lower eyelids. |
| | Check for and remove any contact lenses. |
| | Continue to rinse for at least 10 minutes. If irritation persists, get medical attention. |
| SureSelect Post- Capture Primer | Immediately flush eyes with plenty of water, |
| Mix | occasionally lifting the upper and lower eyelids. |
| | Check for and remove any contact lenses. Get |
| Sure Coloct VT LIC Index Drives - | medical attention if irritation occurs. |
| SureSelect XT HS Index Primer A01-H02 | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. |
| , 101 1102 | Check for and remove any contact lenses. Get |
| | medical attention if irritation occurs. |
| SSel XT HS Cancer All-In-One | Immediately flush eyes with plenty of water, |
| Lung, 16 Reactions | occasionally lifting the upper and lower eyelids. |
| | Check for and remove any contact lenses. Get medical attention if irritation occurs. |
| | |

| Inhalation | : End Repair-A Tailing Enzyme Mix | Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are 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. |
|------------|---------------------------------------|---|
| | End Repair-A Tailing Buffer | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| | T4 DNA Ligase Ligation 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. 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 |
| | Adaptar Oliga Miy | 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. |
| | Adaptor Oligo Mix | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| | Forward Primer | 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 (25 mM each dNTP) | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| | Herculase II Fusion DNA Polymerase | 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. |
| 5X Herculase II Reaction Buffer | Remove victim to fresh air and keep at rest in a |
| | position comfortable for breathing. Get medical |
| | attention if symptoms occur. In case of inhalation |
| | of decomposition products in a fire, symptoms |
| | may be delayed. The exposed person may need |
| | to be kept under medical surveillance for 48 |
| Quero Cala et Die die e Duffer | hours. |
| SureSelect Binding Buffer | Remove victim to fresh air and keep at rest in a |
| | position comfortable for breathing. Get medical |
| Ourse Cala at Marala Duffan 1 | attention if symptoms occur. |
| SureSelect Wash Buffer 1 | Remove victim to fresh air and keep at rest in a |
| | position comfortable for breathing. Get medical |
| SureSelect Wash Buffer 2 | attention if symptoms occur. |
| SureSelect wash Buller 2 | Remove victim to fresh air and keep at rest in a |
| | position comfortable for breathing. Get medical |
| SureSelect XT HS and XT Low | attention if symptoms occur. |
| Input Blocker Mix | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical |
| | |
| SuraSalaat East Hybridization | attention if symptoms occur. Remove victim to fresh air and keep at rest in a |
| SureSelect Fast Hybridization Buffer | position comfortable for breathing. Get medical |
| Dullei | attention if symptoms occur. In case of inhalation |
| | of decomposition products in a fire, symptoms |
| | may be delayed. The exposed person may need |
| | to be kept under medical surveillance for 48 |
| | hours. |
| SureSelect RNase Block | Remove victim to fresh air and keep at rest in a |
| | position comfortable for breathing. If not |
| | breathing, if breathing is irregular or if respiratory |
| | arrest occurs, provide artificial respiration or |
| | oxygen by trained personnel. It may be |
| | dangerous to the person providing aid to give |
| | mouth-to-mouth resuscitation. Get medical |
| | attention if adverse health effects persist or are |
| | severe. If unconscious, place in recovery position |
| | and get medical attention immediately. Maintain |
| | an open airway. Loosen tight clothing such as a |
| | collar, tie, belt or waistband. |
| SureSelect Post- Capture Primer | Remove victim to fresh air and keep at rest in a |
| Mix | position comfortable for breathing. Get medical |
| | attention if symptoms occur. |
| SureSelect XT HS Index Primer | Remove victim to fresh air and keep at rest in a |
| A01-H02 | position comfortable for breathing. Get medical |
| | attention if symptoms occur. |
| SSel XT HS Cancer All-In-One | Remove victim to fresh air and keep at rest in a |
| Lung, 16 Reactions | position comfortable for breathing. Get medical |
| | attention if symptoms occur. |
| | |

| Skin contact | : End Repair-A Tailing Enzyme Mix | 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. |
|--------------|--|---|
| | End Repair-A Tailing Buffer | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | T4 DNA Ligase | 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 |
| | Ligation Buffer | before reuse. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly |
| | Adaptor Oligo Mix | before reuse. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | Forward Primer | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | 100 mM dNTP Mix (25 mM each dNTP) | 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. Wash clothing before reuse. Clean shoes thoroughly before reuse. |
| | 5X Herculase II Reaction Buffer | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | SureSelect Binding Buffer | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | SureSelect Wash Buffer 1 | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | SureSelect Wash Buffer 2 | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | SureSelect XT HS and XT Low Input Blocker Mix | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | SureSelect Fast Hybridization Buffer | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | SureSelect RNase Block | 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 Post- Capture Primer Mix | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | SureSelect XT HS Index Primer A01-H02 | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get |

| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get |
|-------------|--|--|
| Ingestion : | End Repair-A Tailing Enzyme Mix | medical attention if symptoms occur. 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 |
| | End Repair-A Tailing Buffer | tight clothing such as a collar, tie, belt or waistband. Wash out mouth with water. If material has been |
| | | swallowed and the exposed person is conscious, |
| | | give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical |
| | | personnel. Get medical attention if symptoms occur. |
| | T4 DNA Ligase | 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 |
| | Ligation Buffer | tight clothing such as a collar, tie, belt or waistband. Wash out mouth with water. Remove dentures if |
| | | any. If material has been swallowed and the |
| | | exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels |
| | | sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical |
| | | personnel. If vomiting occurs, the head should be |
| | | kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects |
| | | persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, |
| | | place in recovery position and get medical attention |
| | | immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |
| | Adaptor Oligo 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 |
| | Forward Primer | occur. Wash out mouth with water. If material has been |
| | I OIWAIU FIIIICI | 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 (25 mM each dNTP) | 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. 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. |
| 5X Herculase II Reaction Buffer | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureSelect Binding Buffer | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureSelect Wash Buffer 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 Wash Buffer 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 XT HS and XT Low Input Blocker 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. |
| SureSelect Fast Hybridization Buffer | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| SureSelect RNase Block | Wash out mouth with water. Remove dentures if |

| SureSelect Post- Capture Primer 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 medica personnel. Get medical attention if symptoms occur. SureSelect XT HS Index Primer A01-H02 <l< th=""><th></th><th></th><th>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</th></l<> | | | 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 |
|--|----|---------------------------|--|
| A01-H02 swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medica 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 medica personnel. Get medical attention if symptoms | | • | 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 |
| Lung, 16 Reactions swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medica personnel. Get medical attention if symptoms | | | 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 |
| | | | 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 |
| /effects, acute and delayed | /e | ffects, acute and delayed | |

4.2 Most important symptoms/effects, acute and delayed

| Potential acute health effects | | |
|--------------------------------|---|---|
| Eye contact : | End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each | Causes eye irritation. No known significant effects or critical hazards. Causes eye irritation. Causes eye irritation. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. |
| | dNTP) Herculase II Fusion DNA Polymerase | Causes eye irritation. |
| | 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix | No known significant effects or critical hazards. No known significant effects or critical hazards. Causes eye irritation. No known significant effects or critical hazards. |
| | SureSelect XT HS Index Primer A01-H02 | No known significant effects or critical hazards. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | No known significant effects or critical hazards. |

| Inhalation : | End Repair-A Tailing Enzyme Mix | No known significant effects or critical hazards. |
|----------------|--|--|
| | End Repair-A Tailing Buffer | No known significant effects or critical hazards. |
| | T4 DNA Ligase | No known significant effects or critical hazards. |
| | Ligation Buffer | No known significant effects or critical hazards. |
| | Adaptor Oligo Mix | No known significant effects or critical hazards. |
| | Forward Primer | No known significant effects or critical hazards. |
| | 100 mM dNTP Mix (25 mM each | No known significant effects or critical hazards. |
| | dNTP) Herculase II Fusion DNA Polymerase | No known significant effects or critical hazards. |
| | 5X Herculase II Reaction Buffer | No known significant effects or critical hazards. |
| | SureSelect Binding Buffer | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 1 | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 2 | No known significant effects or critical hazards. |
| | SureSelect XT HS and XT Low Input Blocker Mix | No known significant effects or critical hazards. |
| | SureSelect Fast Hybridization | No known significant effects or critical hazards. |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Post- Capture Primer | No known significant effects or critical hazards. |
| | Mix SureSelect XT HS Index Primer A01-H02 | No known significant effects or critical hazards. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | No known significant effects or critical hazards. |
| Skin contact : | End Repair-A Tailing Enzyme Mix | No known significant effects or critical hazards. |
| | End Repair-A Tailing Buffer | No known significant effects or critical hazards. |
| | T4 DNA Ligase | No known significant effects or critical hazards. |
| | Ligation Buffer | No known significant effects or critical hazards. |
| | Adaptor Oligo Mix | No known significant effects or critical hazards. |
| | Forward Primer | No known significant effects or critical hazards. |
| | 100 mM dNTP Mix (25 mM each | No known significant effects or critical hazards. |
| | dNTP) Herculase II Fusion DNA Polymerase | No known significant effects or critical hazards. |
| | 5X Herculase II Reaction Buffer | No known significant effects or critical hazards. |
| | SureSelect Binding Buffer | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 1 | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 2 | No known significant effects or critical hazards. |
| | SureSelect XT HS and XT Low Input Blocker Mix | No known significant effects or critical hazards. |
| | SureSelect Fast Hybridization | No known significant effects or critical hazards. |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Post- Capture Primer Mix | No known significant effects or critical hazards. |
| | SureSelect XT HS Index Primer A01-H02 | No known significant effects or critical hazards. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | No known significant effects or critical hazards. |
| Ingestion : | End Repair-A Tailing Enzyme Mix | No known significant effects or critical hazards. |
| - | End Repair-A Tailing Buffer | No known significant effects or critical hazards. |
| | T4 DNA Ligase | No known significant effects or critical hazards. |
| | Ligation Buffer | No known significant effects or critical hazards. |
| | Adaptor Oligo Mix | No known significant effects or critical hazards. |
| | Forward Primer | No known significant effects or critical hazards. |
| | 100 mM dNTP Mix (25 mM each | No known significant effects or critical hazards. |
| | dNTP) | No los sem standitos e de directo de la 1910 de la |
| | Herculase II Fusion DNA Polymerase | No known significant effects or critical hazards. |

| | 5X Herculase II Reaction Buffer | No known significant effects or critical hazards. |
|-----------------------------|---------------------------------|---|
| | SureSelect Binding Buffer | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 1 | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 2 | No known significant effects or critical hazards. |
| | SureSelect XT HS and XT Low | No known significant effects or critical hazards. |
| | | No known significant effects of childar hazards. |
| | Input Blocker Mix | |
| | SureSelect Fast Hybridization | No known significant effects or critical hazards. |
| | Buffer | |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Post- Capture Primer | No known significant effects or critical hazards. |
| | Mix | 0 |
| | SureSelect XT HS Index Primer | No known significant effects or critical hazards. |
| | A01-H02 | |
| | | No known aignifiaant offaata ar aritiaal bazarda |
| | SSel XT HS Cancer All-In-One | No known significant effects or critical hazards. |
| | Lung, 16 Reactions | |
| Over-exposure signs/symptor | <u>ns</u> | |
| Eye contact : | End Repair-A Tailing Enzyme Mix | Adverse symptoms may include the following: |
| Lye contact . | | irritation |
| | | |
| | | watering |
| | | redness |
| | End Repair-A Tailing Buffer | No specific data. |
| | T4 DNA Ligase | Adverse symptoms may include the following: |
| | | irritation |
| | | watering |
| | | redness |
| | Ligation Buffer | Adverse symptoms may include the following: |
| | Ligation Banel | irritation |
| | | |
| | | watering |
| | | redness |
| | Adaptor Oligo Mix | No specific data. |
| | Forward Primer | No specific data. |
| | 100 mM dNTP Mix (25 mM each | No specific data. |
| | dNTP) | |
| | Herculase II Fusion DNA | Adverse symptoms may include the following: |
| | Polymerase | |
| | , | irritation |
| | | watering |
| | | redness |
| | EV Hereulees II Depation Buffer | |
| | 5X Herculase II Reaction Buffer | No specific data. |
| | SureSelect Binding Buffer | No specific data. |
| | SureSelect Wash Buffer 1 | No specific data. |
| | SureSelect Wash Buffer 2 | No specific data. |
| | SureSelect XT HS and XT Low | No specific data. |
| | Input Blocker Mix | |
| | SureSelect Fast Hybridization | No specific data. |
| | Buffer | ···· · · · · · · · · · · · · · · · · · |
| | SureSelect RNase Block | Adverse symptoms may include the following: |
| | Oureoclect Anase Diock | irritation |
| | | |
| | | watering |
| | | redness |
| | SureSelect Post- Capture Primer | No specific data. |
| | Mix | |
| | SureSelect XT HS Index Primer | No specific data. |
| | A01-H02 | |
| | SSel XT HS Cancer All-In-One | No specific data. |
| | Lung, 16 Reactions | |
| | <u> </u> | |

| Inhalation | : End Repair-A Tailing Enzyme Mix | No specific data. |
|--------------|--|-------------------|
| | End Repair-A Tailing Buffer | No specific data. |
| | T4 DNA Ligase | No specific data. |
| | Ligation Buffer | No specific data. |
| | Adaptor Oligo Mix | No specific data. |
| | Forward Primer | No specific data. |
| | 100 mM dNTP Mix (25 mM each dNTP) | No specific data. |
| | Herculase II Fusion DNA Polymerase | No specific data. |
| | 5X Herculase II Reaction Buffer | No specific data. |
| | SureSelect Binding Buffer | No specific data. |
| | SureSelect Wash Buffer 1 | No specific data. |
| | SureSelect Wash Buffer 2 | No specific data. |
| | SureSelect XT HS and XT Low Input Blocker Mix | No specific data. |
| | SureSelect Fast Hybridization | No specific data. |
| | Buffer | · |
| | SureSelect RNase Block | No specific data. |
| | SureSelect Post- Capture Primer | No specific data. |
| | Mix SureSelect XT HS Index Primer | No specific data. |
| | A01-H02 SSel XT HS Cancer All-In-One | No specific data. |
| | Lung, 16 Reactions | |
| Skin contact | : End Repair-A Tailing Enzyme Mix | No specific data. |
| | End Repair-A Tailing Buffer | No specific data. |
| | T4 DNA Ligase | No specific data. |
| | Ligation Buffer | No specific data. |
| | Adaptor Oligo Mix | No specific data. |
| | Forward Primer | No specific data. |
| | 100 mM dNTP Mix (25 mM each dNTP) | No specific data. |
| | Herculase II Fusion DNA Polymerase | No specific data. |
| | 5X Herculase II Reaction Buffer | No specific data. |
| | SureSelect Binding Buffer | No specific data. |
| | SureSelect Wash Buffer 1 | No specific data. |
| | SureSelect Wash Buffer 2 | No specific data. |
| | SureSelect XT HS and XT Low | No specific data. |
| | Input Blocker Mix SureSelect Fast Hybridization | No specific data. |
| | Buffer | · |
| | SureSelect RNase Block | No specific data. |
| | SureSelect Post- Capture Primer Mix | No specific data. |
| | SureSelect XT HS Index Primer A01-H02 | No specific data. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | No specific data. |
| Ingestion | : End Repair-A Tailing Enzyme Mix | No specific data. |
| | End Repair-A Tailing Buffer | No specific data. |
| | T4 DNA Ligase | No specific data. |
| | Ligation Buffer | No specific data. |
| | Adaptor Oligo Mix | No specific data. |
| | Forward Primer | No specific data. |
| | 100 mM dNTP Mix (25 mM each dNTP) | No specific data. |
| | Herculase II Fusion DNA Polymerase | No specific data. |
| | i orymerase | |

| Section 4. First alu | illeasules | |
|--------------------------------|--|---|
| | 5X Herculase II Reaction Buffer | No specific data. |
| | SureSelect Binding Buffer | No specific data. |
| | SureSelect Wash Buffer 1 | No specific data. |
| | SureSelect Wash Buffer 2 | No specific data. |
| | SureSelect XT HS and XT Low Input Blocker Mix | No specific data. |
| | SureSelect Fast Hybridization Buffer | No specific data. |
| | SureSelect RNase Block | No specific data. |
| | SureSelect Post- Capture Primer Mix | No specific data. |
| | SureSelect XT HS Index Primer A01-H02 | No specific data. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | No specific data. |
| 4.3 Indication of immediate me | dical attention and special treatme | ent needed, if necessary |
| Notes to physician : | End Repair-A Tailing Enzyme Mix | Treat symptomatically. Contact poison treatment |
| | | specialist immediately if large quantities have been ingested or inhaled. |
| | End Repair-A Tailing 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. |
| | T4 DNA Ligase | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| | Ligation Buffer | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been |
| | Adaptor Oligo Mix | ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| | Forward Primer | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| | 100 mM dNTP Mix (25 mM each dNTP) | 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. |
| | Herculase II Fusion DNA Polymerase | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| | 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 |
| | SureSelect Binding Buffer | surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| | SureSelect Wash Buffer 1 | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| | SureSelect Wash Buffer 2 | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| | SureSelect XT HS and XT Low Input Blocker Mix | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| | | |

| | SureSelect Fast Hybridization 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 |
|----------------------------|--|---|
| | SureSelect RNase Block | surveillance for 48 hours. Treat symptomatically. Contact poison treatment |
| | SureSalact Dest. Conture Drimer | specialist immediately if large quantities have been ingested or inhaled. |
| | SureSelect Post- Capture Primer Mix | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| | SureSelect XT HS Index Primer A01-H02 | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| Specific treatments | : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer | No specific treatment. No specific treatment. |
| | T4 DNA Ligase | No specific treatment. |
| | Ligation Buffer | No specific treatment. |
| | Adaptor Oligo Mix Forward Primer | No specific treatment. No specific treatment. |
| | 100 mM dNTP Mix (25 mM each dNTP) | No specific treatment. |
| | Herculase II Fusion DNA Polymerase | No specific treatment. |
| | 5X Herculase II Reaction Buffer | No specific treatment. |
| | SureSelect Binding Buffer | No specific treatment. |
| | SureSelect Wash Buffer 1 | No specific treatment. |
| | SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix | No specific treatment. No specific treatment. |
| | SureSelect Fast Hybridization Buffer | No specific treatment. |
| | SureSelect RNase Block SureSelect Post- Capture Primer Mix | No specific treatment. No specific treatment. |
| | SureSelect XT HS Index Primer A01-H02 | No specific treatment. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | No specific treatment. |
| Protection of first-aiders | : End Repair-A Tailing Enzyme Mix | No action shall be taken involving any personal risk or without suitable training. It may be dangerous to |
| | | the person providing aid to give mouth-to-mouth resuscitation. |
| | End Repair-A Tailing Buffer | No action shall be taken involving any personal risk or without suitable training. |
| | T4 DNA Ligase | 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. |
| | Ligation 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 |
| | Adaptor Oligo Mix | resuscitation. No action shall be taken involving any personal risk |
| | | or without suitable training. |
| | Forward Primer | No action shall be taken involving any pareonal rick |
| | Forward Primer 100 mM dNTP Mix (25 mM each | No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk |

| dNTP) | or without suitable training. |
|--|--|
| Herculase II Fusion DNA | No action shall be taken involving any personal risk |
| Polymerase | or without suitable training. It may be dangerous to |
| | the person providing aid to give mouth-to-mouth |
| | resuscitation. |
| 5X Herculase II Reaction Buffer | No action shall be taken involving any personal risk |
| | or without suitable training. |
| SureSelect Binding Buffer | No action shall be taken involving any personal risk |
| 5 | or without suitable training. |
| SureSelect Wash Buffer 1 | No action shall be taken involving any personal risk |
| | or without suitable training. |
| SureSelect Wash Buffer 2 | No action shall be taken involving any personal risk |
| | or without suitable training. |
| SureSelect XT HS and XT Low | No action shall be taken involving any personal risk |
| Input Blocker Mix | or without suitable training. |
| SureSelect Fast Hybridization | No action shall be taken involving any personal risk |
| Buffer | or without suitable training. |
| SureSelect RNase Block | No action shall be taken involving any personal risk |
| Sureceieet Mase Diock | or without suitable training. It may be dangerous to |
| | the person providing aid to give mouth-to-mouth |
| | resuscitation. |
| SuraSalast Dest. Capture Drimer | |
| SureSelect Post- Capture Primer Mix | No action shall be taken involving any personal risk |
| | or without suitable training. |
| SureSelect XT HS Index Primer | No action shall be taken involving any personal risk |
| A01-H02 | or without suitable training. |
| SSel XT HS Cancer All-In-One | No action shall be taken involving any personal risk |
| Lung, 16 Reactions | or without suitable training. |
| | |

See toxicological information (Section 11)

| 5.1 Extinguishing me | edia | | | |
|---------------------------|------------|---|---|-------|
| Suitable extinguish media | ing : E | End Repair-A Tailing Enzyme Mix | Use an extinguishing agent suitable for the surrounding fire. | |
| | E | End Repair-A Tailing Buffer | Use an extinguishing agent suitable for the surrounding fire. | |
| | Т | 4 DNA Ligase | Use an extinguishing agent suitable for the surrounding fire. | |
| | L | igation Buffer | Use an extinguishing agent suitable for the surrounding fire. | |
| | 4 | Adaptor Oligo Mix | Use an extinguishing agent suitable for the surrounding fire. | |
| | F | Forward Primer | Use an extinguishing agent suitable for the surrounding fire. | |
| | | 00 mM dNTP Mix (25 mM each INTP) | Use an extinguishing agent suitable for the surrounding fire. | |
| | - | lerculase II Fusion DNA Polymerase | Use an extinguishing agent suitable for the surrounding fire. | |
| | 5 | X Herculase II Reaction Buffer | Use an extinguishing agent suitable for the surrounding fire. | |
| | S | SureSelect Binding Buffer | Use an extinguishing agent suitable for the surrounding fire. | |
| | S | SureSelect Wash Buffer 1 | Use an extinguishing agent suitable for the surrounding fire. | |
| | S | SureSelect Wash Buffer 2 | Use an extinguishing agent suitable for the surrounding fire. | |
| | | SureSelect XT HS and XT Low nput Blocker Mix | Use an extinguishing agent suitable for the surrounding fire. | |
| | | SureSelect Fast Hybridization | Use an extinguishing agent suitable for the | |
| Date of issue : | 04/30/2024 | | | 22/75 |

| Section 5. The-light | ling measures | |
|---|---|--|
| | Buffer SureSelect RNase Block | surrounding fire. Use an extinguishing agent suitable for the surrounding fire. |
| | SureSelect Post- Capture Primer Mix | Use an extinguishing agent suitable for the surrounding fire. |
| | SureSelect XT HS Index Primer A01-H02 | Use an extinguishing agent suitable for the surrounding fire. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | Use an extinguishing agent suitable for the surrounding fire. |
| Unsuitable extinguishing media | End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase | None known. None known. None known. |
| | Ligation Buffer | None known. |
| | Adaptor Oligo Mix | None known. |
| | Forward Primer | None known. |
| | 100 mM dNTP Mix (25 mM each dNTP) | None known. |
| | Herculase II Fusion DNA Polymerase | None known. |
| | 5X Herculase II Reaction Buffer | None known. |
| | SureSelect Binding Buffer | None known. |
| | SureSelect Wash Buffer 1 | None known. |
| | SureSelect Wash Buffer 2 | None known. |
| | SureSelect XT HS and XT Low Input Blocker Mix | None known. |
| | SureSelect Fast Hybridization Buffer | None known. |
| | SureSelect RNase Block | None known. |
| | SureSelect Post- Capture Primer Mix | None known. |
| | SureSelect XT HS Index Primer A01-H02 | None known. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | None known. |
| 5.2 Special hazards arising fro | om the substance or mixture | |
| Specific hazards arising from the chemical | End Repair-A Tailing Enzyme Mix | In a fire or if heated, a pressure increase will occur and the container may burst. |
| | End Repair-A Tailing Buffer | In a fire or if heated, a pressure increase will occur and the container may burst. |
| | T4 DNA Ligase | In a fire or if heated, a pressure increase will occur and the container may burst. |
| | Ligation Buffer | In a fire or if heated, a pressure increase will occur and the container may burst. |
| | Adaptor Oligo Mix | In a fire or if heated, a pressure increase will occur and the container may burst. |
| | Forward Primer | In a fire or if heated, a pressure increase will occur and the container may burst. |
| | 100 mM dNTP Mix (25 mM each dNTP) | In a fire or if heated, a pressure increase will occur and the container may burst. |
| | Herculase II Fusion DNA | In a fire or if heated, a pressure increase will occur |
| | Polymerase | and the container may burst. |
| | 5X Herculase II Reaction Buffer | In a fire or if heated, a pressure increase will occur and the container may burst. |
| | SureSelect Binding Buffer | In a fire or if heated, a pressure increase will occur and the container may burst. |
| | SureSelect Wash Buffer 1 | In a fire or if heated, a pressure increase will occur and the container may burst. |
| | SureSelect Wash Buffer 2 | In a fire or if heated, a pressure increase will occur |

| Hazardous thermal decomposition products Hazardous thermal decomposition products may include the following materials: carbon dioxide carbon monoxide Halogeneted compounds heliogeneted com | | • | |
|---|-------------------|-----------------------------------|--|
| Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect RNase Block SureSelect RNase Block SureSelect TX IS Index Primer A01-H02 SSel XT HS Cancer All-n-One Lung, 16 Reactions End Repair-A Tailing Enzyme Mix Becomposition products may include the following materials: carbon dioxide carbon monoxide Decomposition products may include the following materials: carbon dioxide carbon monoxide Ligation Buffer Ligation Buffer Ligation Buffer Ligation Buffer SureSelect Binding Buffer SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low In a fire Adata. No specific data. No specif | | | |
| Hazardous thermal decomposition products SureSelect Past Hybridization Buffer In a fire or if heated, a pressure increase will occur and the container may burst. Hazardous thermal decomposition products SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer A01+402. In a fire or if heated, a pressure increase will occur and the container may burst. Hazardous thermal decomposition products End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer Decomposition products may include the following materials: carbon dioxide carbon monoxide T4 DNA Ligase T4 DNA Ligase Decomposition products may include the following materials: carbon dioxide carbon monoxide Ligation Buffer Ligation Buffer Decomposition products may include the following materials: carbon dioxide carbon monoxide Ligation Buffer Decomposition products may include the following materials: carbon dioxide carbon monoxide Harculase II Fusion DNA Polymerase Decomposition products may include the following materials: carbon dioxide carbon monoxide SureSelect Binding Buffer Decomposition products may include the following materials: carbon dioxide carbon monoxide SureSelect Binding Buffer Decomposition products may include the following materials: carbon dioxide carbon monoxide SureSelect Binding Buffer Decomposition products may include the following materials: carbon dioxide carbon monoxide SureSelect Binding Buffer SureSelect Wash Buffer 1 Sure | | | |
| Buffer and the container may burst. SureSelect RNase Block In a fire or if headt, a pressure increase will occur and the container may burst. SureSelect XT HS Index Primer Nix In fire or if headt, a pressure increase will occur and the container may burst. SureSelect XT HS Index Primer A01-H02 In fire or if headt, a pressure increase will occur and the container may burst. SSEI XT HS Cancer All-In-On Lung, 16 Reactions In fire or if headt, a pressure increase will occur and the container may burst. End Repair-A Tailing Buffer Decomposition products may include the following materials: carbon dioxide carbon monoxide End Repair-A Tailing Buffer Decomposition products may include the following materials: carbon monoxide anterials: carbon monoxide T4 DNA Ligase Decomposition products may include the following materials: carbon dioxide carbon monoxide arbon monoxide Ligation Buffer Decomposition products may include the following materials: carbon dioxide carbon monoxide arbon monoxide arbon monoxide carbon dioxide carbon monoxide carbon | | Input Blocker Mix | |
| Buffer and the container may burst. SureSelect RNase Block In a fire or if headt, a pressure increase will occur and the container may burst. SureSelect XT HS Index Primer Nix In fire or if headt, a pressure increase will occur and the container may burst. SureSelect XT HS Index Primer A01-H02 In fire or if headt, a pressure increase will occur and the container may burst. SSEI XT HS Cancer All-In-On Lung, 16 Reactions In fire or if headt, a pressure increase will occur and the container may burst. End Repair-A Tailing Buffer Decomposition products may include the following materials: carbon dioxide carbon monoxide End Repair-A Tailing Buffer Decomposition products may include the following materials: carbon monoxide anterials: carbon monoxide T4 DNA Ligase Decomposition products may include the following materials: carbon dioxide carbon monoxide arbon monoxide Ligation Buffer Decomposition products may include the following materials: carbon dioxide carbon monoxide arbon monoxide arbon monoxide carbon dioxide carbon monoxide carbon | | SureSelect Fast Hybridization | In a fire or if heated, a pressure increase will occur |
| Hazardous thermal decomposition products SureSelect RNase Block SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer AD1-H02 In a fire or if heated, a pressure increase will occur and the container may burst. Hazardous thermal decomposition products In a fire or if heated, a pressure increase will occur and the container may burst. I a fire or if heated, a pressure increase will occur and the container may burst. In a fire or if heated, a pressure increase will occur and the container may burst. I a fire or if heated, a pressure increase will occur and the container may burst. In a fire or if heated, a pressure increase will occur and the container may burst. I a fire or if heated, a pressure increase will occur and the container may burst. In a fire or if heated, a pressure increase will occur and the container may burst. I a fire or if heated, a pressure increase will occur and the container may burst. In a fire or if heated, a pressure increase will occur and the container may burst. I a fire or if heated, a pressure increase will occur and the container may burst. In a fire or if heated, a pressure increase will occur and the container may burst. I a fire or if heated, a pressure increase will occur and the container may burst. In a fire or if heated, a pressure increase will occur and the container may burst. I a fire or if heated, a pressure increase will occur and the container may burst. In a fire or if heated, a pressure increase will occur and the container may burst. I a fire or if heated, a pressure increase | | | |
| Hazardous thermal decomposition products SureSelect XT HS Index Primer A01-H02 Stell XT HS Cancer All-In-One Lung, 16 Reactions In fire or if heated, a pressure increase will occur and the container may burst. Hazardous thermal decomposition products : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer Decomposition products may include the following materials: carbon dioxide carbon monxide T4 DNA Ligase T4 DNA Ligase Decomposition products may include the following materials: carbon monxide Ligation Buffer Ligation Buffer Decomposition products may include the following materials: carbon monxide 100 mM ANTP Mix (25 mM each MTP) No specific data. No specific data. 100 mM ANTP Mix (25 mM each MTP) Decomposition products may include the following materials: carbon monxide Adaptor Oligo Mix Forward Primer 100 mM ANTP Mix (25 mM each MTP) No specific data. SureSelect Binding Buffer Decomposition products may include the following materials: carbon monxide SureSelect Wash Buffer 1 SureSelect XT HS and XT Low Input Blocker Mix No specific data. | | SureSelect RNase Block | |
| SureSelect Post- Capture Primer Mix In a fire or if heated, a pressure increase will occur A01-H02 Hazardous thermal decomposition products Is fire or if heated, a pressure increase will occur and the container may burst. Hazardous thermal decomposition products Is fire or if heated, a pressure increase will occur and the container may burst. Hazardous thermal decomposition products Is fire or if heated, a pressure increase will occur and the container may burst. Hazardous thermal decomposition products Is fire or if heated, a pressure increase will occur and the container may burst. Is a fire or if heated, a pressure increase will occur anterials: carbon dioxide carbon monxide In a fire or if heated, a pressure increase will occur anterials: carbon dioxide carbon monxide Is a fire or if heated, a pressure increase will occur anterials: carbon dioxide carbon monxide In a fire or if heated, a pressure increase will occur anterials: carbon dioxide carbon monxide T4 DNA Ligase Decomposition products may include the following materials: carbon monxide Ligation Buffer Decomposition products may include the following materials: carbon monxide NOP Mix (25 mM each MTP) No specific data. NOP EX Herculase II Fusion DNA Polymerase Decomposition products may include the following materials: carbon dioxide carbon monxide SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 | | | |
| Mix and the container may burst. SureSelect XT HS Index Primer A01-H02 In freo or if headed, a pressure increase will occur and the container may burst. Hazardous thermal decomposition products : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer Decomposition products may include the following materials: carbon dioxide carbon monxide T4 DNA Ligase Decomposition products may include the following materials: carbon dioxide carbon monxide Decomposition products may include the following materials: carbon monxide Ligation Buffer Ligation Buffer Decomposition products may include the following materials: carbon dioxide carbon monxide Adaptor Oligo Mix No specific data. No specific data. MTP) Materials: carbon monxide Decomposition products may include the following materials: carbon dioxide carbon monxide MATP) Magptor Oligo Mix No specific data. No specific data. MTP) Excesse II Resction Buffer Decomposition products may include the following materials: carbon dioxide carbon monxide SureSelect Binding Buffer Decomposition products may include the following materials: carbon monxide SureSelect Wash Buffer 1 No specific data. No specific data. Decomposition products may include the following materials: carbon monxide Mix = SureSelect Wash Buffer 1 No specific data. <th></th> <td>SureSelect Post- Canture Primer</td> <td></td> | | SureSelect Post- Canture Primer | |
| Hazardous thermal decomposition products SureSelect XT HS Index Primer A01-H02 SSel XT HS Cancer All-In-One Lung, 16 Reactions In a fire or if heated, a pressure increase will occur and the container may burst. Hazardous thermal decomposition products End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer Decomposition products may include the following materials: carbon moxide carbon moxide T4 DNA Ligase T4 DNA Ligase Decomposition products may include the following materials: carbon moxide T4 DNA Ligase Decomposition products may include the following materials: carbon moxide T4 DNA Ligase Decomposition products may include the following materials: carbon moxide Ligation Buffer Decomposition products may include the following materials: carbon moxide 100 mM dNTP Mix (25 mM each dNTP) Decomposition products may include the following materials: carbon moxide 40 mM dNTP Mix (25 mM each dNTP) Decomposition products may include the following materials: carbon moxide 5X Herculase II Fusion DNA Polymerase Decomposition products may include the following materials: carbon moxide 5X Herculase II Reaction Buffer Decomposition products may include the following materials: carbon moxide 5X Herculase II Reaction Buffer Decomposition products may include the following materials: carbon moxide 5X Herculase II Reaction Buffer Decomposition products may include the following materials: carbon moxide <th></th> <td></td> <td></td> | | | |
| Hazardous thermal decomposition products A01-H02 SSei UT HS Cancer All-In-One Lung, 16 Reactions and the container may burst. End Repair-A Tailing Enzyme Mix Decomposition products may include the following materials: carbon monoxide End Repair-A Tailing Buffer Decomposition products may include the following materials: carbon dioxide T4 DNA Ligase Decomposition products may include the following materials: carbon monoxide T4 DNA Ligase Decomposition products may include the following materials: carbon monoxide Ligation Buffer Decomposition products may include the following materials: carbon monoxide Ligation Buffer Decomposition products may include the following materials: carbon monoxide 100 mM MTP Mix (25 mM each dNTP) No specific data. No specific data. No specific data. Polymerase 6X Herculase II Fusion DNA Polymerase Decomposition products may include the following materials: carbon monoxide SureSelect Binding Buffer Decomposition products may include the following materials: carbon monoxide SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureS | | | |
| Hazardous thermal decomposition products In a fire or if heated, a pressure increase will occur and the container may burst. End Repair-A Tailing Enzyme Mix Decomposition products may include the following materials: carbon moxide End Repair-A Tailing Buffer Decomposition products may include the following materials: carbon moxide T4 DNA Ligase Decomposition products may include the following materials: carbon moxide T4 DNA Ligase Decomposition products may include the following materials: carbon moxide Ligation Buffer Decomposition products may include the following materials: carbon moxide Ligation Buffer Decomposition products may include the following materials: carbon moxide 100 mM MOTP Mix (25 mM each dNTP) No specific data. Herculase II Fusion DNA Polymerase Decomposition products may include the following materials: carbon moxide 5X Herculase II Reaction Buffer Decomposition products may include the following materials: carbon moxide 5X Herculase II Reaction Buffer Decomposition products may include the following materials: carbon moxide 5X Herculase II Reaction Buffer Decomposition products may include the following materials: carbon moxide SureSelect Wash Buffer 1 No specific data. No specific data. Decomposition products may include the following materials: carbon moxide SureSelect Wash Buffer 1 </td <th></th> <td></td> <td></td> | | | |
| Hazardous thermal decomposition products End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer Decomposition products may include the following materials: carbon monoxide End Repair-A Tailing Buffer Decomposition products may include the following materials: carbon monoxide T4 DNA Ligase Decomposition products may include the following materials: carbon monoxide T4 DNA Ligase Decomposition products may include the following materials: carbon monoxide Ligation Buffer Decomposition products may include the following materials: carbon monoxide Ligation Buffer Decomposition products may include the following materials: carbon monoxide Ligation Buffer Decomposition products may include the following materials: carbon monoxide 100 mM dNTP Mix (25 mM each dNTP) Decomposition products may include the following materials: carbon monoxide 100 mM dNTP Mix (25 mM each dNTP) Decomposition products may include the following materials: carbon monoxide 5X Herculase II Fusion DNA Polymerase Decomposition products may include the following materials: carbon monoxide 5X Herculase II Reaction Buffer Decomposition products may include the following materials: carbon monoxide SureSelect Binding Buffer Decomposition products may include the following materials: carbon monoxide SureSelect Wash Buffer 1 No specific data. No spec | | | |
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| | | | Decomposition products may include the following |
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| Section 5. Fire-figr | | |
|-----------------------------|--|--|
| | Buffer | materials: |
| | | carbon dioxide |
| | | carbon monoxide nitrogen oxides |
| | | halogenated compounds |
| | | metal oxide/oxides |
| | SureSelect RNase Block | Decomposition products may include the following |
| | | materials: |
| | | carbon dioxide |
| | | carbon monoxide |
| | SureSelect Post- Capture Primer | No specific data. |
| | Mix SureSelect XT HS Index Primer A01-H02 | No specific data. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | Decomposition products may include the following materials: carbon dioxide |
| | | carbon monoxide |
| 5.3 Advice for firefighters | | |
| Special protective actions | : End Repair-A Tailing Enzyme Mix | Promptly isolate the scene by removing all persons |
| for fire-fighters | | from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| | End Repair-A Tailing 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. |
| | T4 DNA Ligase | Promptly isolate the scene by removing all persons |
| | 5 | from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| | Ligation Buffer | Promptly isolate the scene by removing all persons |
| | 0 | from the vicinity of the incident if there is a fire. No |
| | | action shall be taken involving any personal risk or |
| | | without suitable training. |
| | Adaptor Oligo Mix | Promptly isolate the scene by removing all persons |
| | | from the vicinity of the incident if there is a fire. No |
| | | action shall be taken involving any personal risk or without quitable training |
| | Forward Primer | without suitable training. Promptly isolate the scene by removing all persons |
| | I Ofward Fillier | from the vicinity of the incident if there is a fire. No |
| | | action shall be taken involving any personal risk or |
| | | without suitable training. |
| | 100 mM dNTP Mix (25 mM each | Promptly isolate the scene by removing all persons |
| | dNTP) | 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 | Promptly isolate the scene by removing all persons |
| | Polymerase | from the vicinity of the incident if there is a fire. No |
| | | action shall be taken involving any personal risk or without suitable training |
| | 5X Herculase II Reaction Buffer | without suitable training. Promptly isolate the scene by removing all persons |
| | | from the vicinity of the incident if there is a fire. No |
| | | action shall be taken involving any personal risk or |
| | | without suitable training. |
| | SureSelect Binding Buffer | Promptly isolate the scene by removing all persons |
| | - | from the vicinity of the incident if there is a fire. No |
| | | action shall be taken involving any personal risk or |
| | | |

| | | without suitable training. |
|-----------------------------|-----------------------------------|--|
| | SureSelect Wash Buffer 1 | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No |
| | | action shall be taken involving any personal risk or |
| | SureSelect Wash Buffer 2 | without suitable training. Promptly isolate the scene by removing all persons |
| | Surecelect wash build 2 | from the vicinity of the incident if there is a fire. No |
| | | action shall be taken involving any personal risk or |
| | SureSelect XT HS and XT Low | without suitable training. Promptly isolate the scene by removing all persons |
| | Input Blocker Mix | from the vicinity of the incident if there is a fire. No |
| | | action shall be taken involving any personal risk or |
| | SureSelect Fast Hybridization | without suitable training. Promptly isolate the scene by removing all persons |
| | Buffer | from the vicinity of the incident if there is a fire. No |
| | | action shall be taken involving any personal risk or |
| | SureSelect RNase Block | without suitable training. Promptly isolate the scene by removing all persons |
| | Surecelect Mase Diock | from the vicinity of the incident if there is a fire. No |
| | | action shall be taken involving any personal risk or |
| | SureSelect Post- Capture Primer | without suitable training. Promptly isolate the scene by removing all persons |
| | Mix | from the vicinity of the incident if there is a fire. No |
| | | action shall be taken involving any personal risk or |
| | SureSelect XT HS Index Primer | without suitable training. Promptly isolate the scene by removing all persons |
| | A01-H02 | from the vicinity of the incident if there is a fire. No |
| | | action shall be taken involving any personal risk or |
| | SSel XT HS Cancer All-In-One | without suitable training. Promptly isolate the scene by removing all persons |
| | Lung, 16 Reactions | 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 | : End Repair-A Tailing Enzyme Mix | Fire-fighters should wear appropriate protective |
| equipment for fire-fighters | | equipment and self-contained breathing apparatus |
| | | (SCBA) with a full face-piece operated in positive |
| | End Repair-A Tailing Buffer | 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. |
| | T4 DNA Ligase | Fire-fighters should wear appropriate protective |
| | <u> </u> | equipment and self-contained breathing apparatus |
| | | (SCBA) with a full face-piece operated in positive pressure mode. |
| | Ligation Buffer | Fire-fighters should wear appropriate protective |
| | | equipment and self-contained breathing apparatus |
| | | (SCBA) with a full face-piece operated in positive pressure mode. |
| | Adaptor Oligo Mix | Fire-fighters should wear appropriate protective |
| | | equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive |
| | | pressure mode. |
| | Forward Primer | 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 (25 mM each | Fire-fighters should wear appropriate protective |
| | dNTP) | equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive |
| | | |

| | pressure mode. |
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| 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. |
| 5X Herculase II Reaction Buffer | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect Binding Buffer | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect Wash Buffer 1 | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect Wash Buffer 2 | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect XT HS and XT Low Input Blocker Mix | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect Fast Hybridization Buffer | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect RNase Block | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect Post- Capture Primer Mix | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SureSelect XT HS Index Primer A01-H02 | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| SSel XT HS Cancer All-In-One Lung, 16 Reactions | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |

| 6.1 Personal precautions, protective equipment and emergency procedures | | |
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| For non-emergency personnel | : End Repair-A Tailing Enzyme Mix | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. |
| | End Repair-A Tailing Buffer | No action shall be taken involving any personal risk or without suitable training. Evacuate |

| T4 DNA Ligase | surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid |
|---------------------------------------|--|
| Ligation Buffer | breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate |
| Adaptor Oligo Mix | ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on |
| Forward Primer | appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on |
| 100 mM dNTP Mix (25 mM each dNTP) | appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on |
| Herculase II Fusion DNA Polymerase | appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. |
| 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 spilled material. Put on |
| SureSelect Binding Buffer | appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on |

| | SureSelect Wash Buffer 1 | appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and |
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| | SureSelect Wash Buffer 2 | unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not |
| | SureSelect XT HS and XT Low Input Blocker Mix | touch or walk through spilled material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on |
| | SureSelect Fast Hybridization Buffer | 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 |
| | SureSelect RNase Block | touch or walk through spilled material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and |
| | | unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. |
| | SureSelect Post- Capture Primer Mix | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on |
| | SureSelect XT HS Index Primer A01-H02 | appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. |
| For emergency responders : | End Repair-A Tailing Enzyme Mix | If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| | End Repair-A Tailing Buffer | If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |

| T4 DNA Ligase | If specialized clothing is required to deal with the spillage, take note of any information in Section 8 |
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| Ligation Buffer | on suitable and unsuitable materials. See also the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also |
| Adaptor Oligo Mix | the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also |
| Forward Primer | the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also |
| 100 mM dNTP Mix (25 mM each dNTP) | the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel" |
| Herculase II Fusion DNA Polymerase | the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| 5X Herculase II Reaction Buffer | If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureSelect Binding Buffer | If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureSelect Wash Buffer 1 | If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also |
| SureSelect Wash Buffer 2 | the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also |
| SureSelect XT HS and XT Low Input Blocker Mix | the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureSelect Fast Hybridization Buffer | If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also |
| SureSelect RNase Block | the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also |
| SureSelect Post- Capture Primer Mix | the information in "For non-emergency personnel". If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| SureSelect XT HS Index Primer A01-H02 | If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |

| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
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| 6.2 Environmental precautions | : End Repair-A Tailing Enzyme Mix | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, |
| | End Repair-A Tailing Buffer | waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, |
| | T4 DNA Ligase | waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, |
| | Ligation Buffer | waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, |
| | Adaptor Oligo Mix | waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, |
| | Forward Primer | waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, |
| | 100 mM dNTP Mix (25 mM each dNTP) | waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, |
| | Herculase II Fusion DNA Polymerase | waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, |
| | 5X Herculase II Reaction Buffer | waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, |
| | SureSelect Binding Buffer | waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, |
| | SureSelect Wash Buffer 1 | waterways, soil or air). Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |

| | SureSelect Wash Buffer 2 | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
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| | SureSelect XT HS and XT Low Input Blocker Mix | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| | SureSelect Fast Hybridization Buffer | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| | SureSelect RNase Block | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| | SureSelect Post- Capture Primer Mix | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| | SureSelect XT HS Index Primer A01-H02 | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| 6.3 Methods and materials for | containment and cleaning up | |
| Methods for cleaning up | End Repair-A Tailing Enzyme Mix | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| | End Repair-A Tailing 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. |
| | T4 DNA Ligase | 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 |
| | Ligation Buffer | disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste |

| Adaptor Oligo Mix | disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mon up if water acluble |
|--|--|
| | 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. |
| Forward 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. |
| 100 mM dNTP Mix (25 mM each dNTP) | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste |
| Herculase II Fusion DNA Polymerase | disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste |
| 5X Herculase II Reaction Buffer | disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste |
| SureSelect Binding Buffer | disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste |
| SureSelect Wash Buffer 1 | 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 |
| SureSelect Wash Buffer 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 |
| SureSelect XT HS and XT Low Input Blocker 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 |
| SureSelect Fast Hybridization Buffer | disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste |

| | disposal container. Dispose of via a licensed waste disposal contractor. |
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| SureSelect RNase Block | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect Post- Capture Primer Mix | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |
| SureSelect XT HS Index Primer A01-H02 | 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. |
| SSel XT HS Cancer All-In-One Lung, 16 Reactions | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. |

Section 7. Handling and storage

| 7.1 Precautions for safe ha | <u>ndling</u> | |
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| Protective measures | : End Repair-A Tailing Enzyme Mix | Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. |
| | End Repair-A Tailing Buffer | Put on appropriate personal protective equipment (see Section 8). |
| | T4 DNA Ligase | Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. |
| | Ligation Buffer | Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. |
| | Adaptor Oligo Mix | Put on appropriate personal protective equipment (see Section 8). |
| | Forward Primer | Put on appropriate personal protective equipment (see Section 8). |

Section 7. Handling and storage

| | 100 mM dNTP Mix (25 mM each dNTP) | Put on appropriate personal protective equipment (see Section 8). |
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| | Herculase II Fusion DNA Polymerase | Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with |
| | 1 olymorado | eyes, skin and clothing. Avoid breathing vapor or |
| | | mist. Keep in the original container or an approved |
| | | alternative made from a compatible material, kept tightly closed when not in use. Empty containers |
| | | retain product residue and can be hazardous. Do |
| | | not reuse container. |
| | 5X Herculase II Reaction Buffer | Put on appropriate personal protective equipment (see Section 8). |
| | SureSelect Binding Buffer | Put on appropriate personal protective equipment (see Section 8). |
| | SureSelect Wash Buffer 1 | Put on appropriate personal protective equipment (see Section 8). |
| | SureSelect Wash Buffer 2 | Put on appropriate personal protective equipment (see Section 8). |
| | SureSelect XT HS and XT Low Input Blocker Mix | Put on appropriate personal protective equipment (see Section 8). |
| | SureSelect Fast Hybridization | Put on appropriate personal protective equipment |
| | Buffer | (see Section 8). |
| | SureSelect RNase Block | Put on appropriate personal protective equipment |
| | | (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or |
| | | mist. Keep in the original container or an approved |
| | | alternative made from a compatible material, kept |
| | | tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do |
| | | not reuse container. |
| | SureSelect Post- Capture Primer | Put on appropriate personal protective equipment |
| | Mix | (see Section 8). |
| | SureSelect XT HS Index Primer A01-H02 | Put on appropriate personal protective equipment (see Section 8). |
| | SSel XT HS Cancer All-In-One | Put on appropriate personal protective equipment |
| | Lung, 16 Reactions | (see Section 8). |
| Advice on general occupational hygiene | : End Repair-A Tailing Enzyme Mix | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face |
| | | before eating, drinking and smoking. Remove |
| | | contaminated clothing and protective equipment before entering eating areas. See also Section 8 |
| | | for additional information on hygiene measures. |
| | End Repair-A Tailing 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 |
| | T4 DNA Ligase | for additional information on hygiene measures. Eating, drinking and smoking should be prohibited |
| | 14 DNA LIgase | 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. |
| | Ligation Buffer | 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. |
| Adaptor Oligo Mix | Eating, drinking and smoking should be prohibited |
| Adapter enge mix | 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. |
| Forward 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. |
| 100 mM dNTP Mix (25 mM each | Eating, drinking and smoking should be prohibited |
| dNTP) | 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 |
| Lieroviece II Evoler DNA | for additional information on hygiene measures. |
| Herculase II Fusion DNA | Eating, drinking and smoking should be prohibited |
| Polymerase | 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 Binding 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 |
| Sure Calact Week Duffer 1 | for additional information on hygiene measures. |
| SureSelect Wash Buffer 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 Wash Buffer 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. |
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| | SureSelect XT HS and XT Low Input Blocker Mix | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| | SureSelect Fast Hybridization 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 RNase Block | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| | SureSelect Post- Capture Primer Mix | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| | SureSelect XT HS Index Primer A01-H02 | 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. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| 7.2 Conditions for safe storage, including any incompatibilities | End Repair-A Tailing Enzyme Mix | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for |
| | End Repair-A Tailing Buffer | incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been |

| | opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled |
|-----------------------------|---|
| | containers. Use appropriate containment to avoid |
| | environmental contamination. See Section 10 for |
| | incompatible materials before handling or use. |
| T4 DNA Ligase | Store in accordance with local regulations. Store in |
| | original container protected from direct sunlight in a |
| | dry, cool and well-ventilated area, away from |
| | incompatible materials (see Section 10) and food |
| | and drink. Keep container tightly closed and sealed |
| | until ready for use. Containers that have been opened must be carefully resealed and kept upright |
| | to prevent leakage. Do not store in unlabeled |
| | containers. Use appropriate containment to avoid |
| | environmental contamination. See Section 10 for |
| | incompatible materials before handling or use. |
| Ligation Buffer | Store in accordance with local regulations. Store in |
| C | original container protected from direct sunlight in a |
| | dry, cool and well-ventilated area, away from |
| | incompatible materials (see Section 10) and food |
| | and drink. Keep container tightly closed and sealed |
| | until ready for use. Containers that have been |
| | opened must be carefully resealed and kept upright |
| | to prevent leakage. Do not store in unlabeled |
| | containers. Use appropriate containment to avoid environmental contamination. See Section 10 for |
| | incompatible materials before handling or use. |
| Adaptor Oligo Mix | Store in accordance with local regulations. Store in |
| Adapter Orge Mix | original container protected from direct sunlight in a |
| | dry, cool and well-ventilated area, away from |
| | incompatible materials (see Section 10) and food |
| | and drink. Keep container tightly closed and sealed |
| | until ready for use. Containers that have been |
| | opened must be carefully resealed and kept upright |
| | to prevent leakage. Do not store in unlabeled |
| | containers. Use appropriate containment to avoid |
| | environmental contamination. See Section 10 for |
| Forward Drimor | incompatible materials before handling or use. |
| Forward 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 unlabeled |
| | containers. Use appropriate containment to avoid |
| | environmental contamination. See Section 10 for |
| | incompatible materials before handling or use. |
| 100 mM dNTP Mix (25 mM each | Store in accordance with local regulations. Store in |
| dNTP) | original container protected from direct sunlight in a |
| | dry, cool and well-ventilated area, away from |
| | incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed |
| | until ready for use. Containers that have been |
| | opened must be carefully resealed and kept upright |
| | to prevent leakage. Do not store in unlabeled |
| | containers. Use appropriate containment to avoid |
| | environmental contamination. See Section 10 for |
| | incompatible materials before handling or use. |
| | |

| 5 | <u> </u> | |
|---|---|--|
| P | lerculase II Fusion DNA Polymerase X Herculase II Reaction Buffer | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
| 5 | | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
| S | sureSelect Binding Buffer | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
| S | SureSelect Wash Buffer 1 | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
| S | sureSelect Wash Buffer 2 | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
| | SureSelect XT HS and XT Low nput Blocker 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 |

| SureSelect Fast Hybridization Buffer | until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in ariginal containers protected from direct confight in a |
|--|--|
| Dullei | original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
| SureSelect RNase Block | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
| SureSelect Post- Capture Primer Mix | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
| SureSelect XT HS Index Primer A01-H02 | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
| SSel XT HS Cancer All-In-One Lung, 16 Reactions | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for |

SureSelect XT HS Reagent Kit, index 1-16 + SSel Cancer All-In-One Lung Panel, 16rxn, Part Number G9704R

Section 7. Handling and storage

incompatible materials before handling or use.

| 7.3 Specific end use(s) | | |
|----------------------------|---|--|
| Recommendations | : End Repair-A Tailing Enzyme Mix | Industrial applications, Professional applications. |
| | End Repair-A Tailing Buffer | Industrial applications, Professional applications. |
| | T4 DNA Ligase | Industrial applications, Professional applications. |
| | Ligation Buffer | Industrial applications, Professional applications. |
| | Adaptor Oligo Mix | Industrial applications, Professional applications. |
| | Forward Primer | Industrial applications, Professional applications. |
| | 100 mM dNTP Mix (25 mM each dNTP) | Industrial applications, Professional applications. |
| | Herculase II Fusion DNA Polymerase | Industrial applications, Professional applications. |
| | 5X Herculase II Reaction Buffer | Industrial applications, Professional applications. |
| | SureSelect Binding Buffer | Industrial applications, Professional applications. |
| | SureSelect Wash Buffer 1 | Industrial applications, Professional applications. |
| | SureSelect Wash Buffer 2 | Industrial applications, Professional applications. |
| | SureSelect XT HS and XT Low Input Blocker Mix | Industrial applications, Professional applications. |
| | SureSelect Fast Hybridization Buffer | Industrial applications, Professional applications. |
| | SureSelect RNase Block | Industrial applications, Professional applications. |
| | SureSelect Post- Capture Primer Mix | Industrial applications, Professional applications. |
| | SureSelect XT HS Index Primer A01-H02 | Industrial applications, Professional applications. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | Industrial applications, Professional applications. |
| Industrial sector specific | : End Repair-A Tailing Enzyme Mix | Not available. |
| solutions | End Repair-A Tailing Buffer | Not available. |
| | T4 DNA Ligase | Not available. |
| | Ligation Buffer | Not available. |
| | Adaptor Oligo Mix | Not available. |
| | Forward Primer | Not available. |
| | 100 mM dNTP Mix (25 mM each dNTP) | Not available. |
| | Herculase II Fusion DNA Polymerase | Not available. |
| | 5X Herculase II Reaction Buffer | |
| | | Not available. |
| | SureSelect Binding Buffer | Not available. Not available. |
| | SureSelect Binding Buffer SureSelect Wash Buffer 1 | Not available. Not available. |
| | SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 | Not available. Not available. Not available. |
| | SureSelect Binding Buffer SureSelect Wash Buffer 1 | Not available. Not available. Not available. Not available. |
| | SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low | Not available. Not available. Not available. |
| | SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block | Not available. Not available. Not available. Not available. Not available. |
| | SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix | Not available. Not available. Not available. Not available. Not available. |
| | SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer | Not available. Not available. Not available. Not available. Not available. |
| | SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer | Not available. Not available. Not available. Not available. Not available. Not available. Not available. |

Section 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

| Ingredient name | Exposure limits |
|---|---|
| End Repair-A Tailing Enzyme Mix Glycerol | OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 10 mg/m ³ 8 hours. Form: Total dust OSHA PEL (United States, 5/2018). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 15 mg/m ³ 8 hours. Form: Total dust CAL OSHA PEL (United States, 5/2018). TWA: 5 mg/m ³ 8 hours. Form: respirable fraction TWA: 10 mg/m ³ 8 hours. Form: total dust |
| End Repair-A Tailing Buffer Potassium chloride | None. |
| T4 DNA Ligase Glycerol | OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 10 mg/m ³ 8 hours. Form: Total dust OSHA PEL (United States, 5/2018). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 15 mg/m ³ 8 hours. Form: Total dust CAL OSHA PEL (United States, 5/2018). TWA: 5 mg/m ³ 8 hours. Form: respirable fraction TWA: 10 mg/m ³ 8 hours. Form: total dust |
| Ligation Buffer Glycerol | OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 10 mg/m ³ 8 hours. Form: Total dust OSHA PEL (United States, 5/2018). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 15 mg/m ³ 8 hours. Form: Total dust CAL OSHA PEL (United States, 5/2018). TWA: 5 mg/m ³ 8 hours. Form: respirable fraction TWA: 10 mg/m ³ 8 hours. Form: total dust |
| Herculase II Fusion DNA Polymerase Glycerol | OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 10 mg/m ³ 8 hours. Form: Total dust OSHA PEL (United States, 5/2018). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 15 mg/m ³ 8 hours. Form: Total dust |

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Section 8. Exposure controls/personal protection

| 5X Herculase II Reaction Buffer Trometamol Hexadecan-1-ol, ethoxylated | CAL OSHA PEL (United States, 5/2018). TWA: 5 mg/m ³ 8 hours. Form: respirable fraction TWA: 10 mg/m ³ 8 hours. Form: total dust None. None. |
|--|---|
| SureSelect Wash Buffer 1 Sodium dodecyl sulphate SureSelect Wash Buffer 2 Sodium dodecyl sulphate | None. None. |
| SureSelect RNase Block Glycerol | OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 10 mg/m ³ 8 hours. Form: Total dust OSHA PEL (United States, 5/2018). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 15 mg/m ³ 8 hours. Form: Total dust CAL OSHA PEL (United States, 5/2018). TWA: 5 mg/m ³ 8 hours. Form: respirable fraction TWA: 10 mg/m ³ 8 hours. Form: total dust |
| SSel XT HS Cancer All-In-One Lung, 16 Reactions Glycerol | OSHA PEL 1989 (United States, 3/1989). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 10 mg/m ³ 8 hours. Form: Total dust OSHA PEL (United States, 5/2018). TWA: 5 mg/m ³ 8 hours. Form: Respirable fraction TWA: 15 mg/m ³ 8 hours. Form: Total dust CAL OSHA PEL (United States, 5/2018). TWA: 5 mg/m ³ 8 hours. Form: respirable fraction TWA: 10 mg/m ³ 8 hours. Form: total dust |

Biological exposure indices

No exposure indices known.

| 8.2 Exposure controls | |
|----------------------------------|---|
| Appropriate engineering controls | : Good general ventilation should be sufficient to control worker exposure to airborne contaminants. |
| Environmental exposure controls | : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. |

Individual protection measures

Section 8. Exposure controls/personal protection

| _ | |
|------------------------|--|
| Hygiene measures | : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. |
| Eye/face protection | : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles. |
| Skin protection | |
| Hand protection | : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. |
| Body protection | : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. |
| Other skin protection | : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. |
| Respiratory protection | : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. |

Section 9. Physical and chemical properties and safety characteristics

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

Appearance

| Physical state | : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) | Liquid. Liquid. Liquid. Liquid. Liquid. Liquid. Liquid. Liquid. |
|----------------|---|--|
| | Herculase II Fusion DNA Polymerase | Liquid. |
| | 5X Herculase II Reaction Buffer | Liquid. |
| | SureSelect Binding Buffer | Liquid. |
| | SureSelect Wash Buffer 1 | Liquid. |
| | SureSelect Wash Buffer 2 | Liquid. |
| | SureSelect XT HS and XT Low Input Blocker Mix | Liquid. |
| | SureSelect Fast Hybridization Buffer | Liquid. |
| | SureSelect RNase Block | Liquid. |
| | SureSelect Post- Capture Primer Mix | Liquid. |
| | SureSelect XT HS Index Primer A01-H02 | Liquid. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | Liquid. |

| Section 5. Physical | and chemical propert | lies and sai |
|---------------------|--|----------------|
| Color : | End Repair-A Tailing Enzyme Mix | Not available. |
| | End Repair-A Tailing Buffer | Not available. |
| | T4 DNA Ligase | Not available. |
| | Ligation Buffer | Not available. |
| | Adaptor Oligo Mix | Not available. |
| | Forward Primer | Not available. |
| | 100 mM dNTP Mix (25 mM each dNTP) | Not available. |
| | Herculase II Fusion DNA Polymerase | Not available. |
| | 5X Herculase II Reaction Buffer | Not available. |
| | SureSelect Binding Buffer | Not available. |
| | SureSelect Wash Buffer 1 | Not available. |
| | SureSelect Wash Buffer 2 | Not available. |
| | SureSelect XT HS and XT Low | Not available. |
| | Input Blocker Mix | |
| | SureSelect Fast Hybridization Buffer | Not available. |
| | SureSelect RNase Block | Not available. |
| | SureSelect Post- Capture Primer Mix | Not available. |
| | SureSelect XT HS Index Primer A01-H02 | Not available. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | Not available. |
| Odor : | End Repair-A Tailing Enzyme Mix | Not available. |
| | End Repair-A Tailing Buffer | Not available. |
| | T4 DNA Ligase | Not available. |
| | Ligation Buffer | Not available. |
| | Adaptor Oligo Mix | Not available. |
| | Forward Primer | Not available. |
| | 100 mM dNTP Mix (25 mM each dNTP) | Not available. |
| | Herculase II Fusion DNA Polymerase | Not available. |
| | 5X Herculase II Reaction Buffer | Not available. |
| | SureSelect Binding Buffer | Not available. |
| | SureSelect Wash Buffer 1 | Not available. |
| | SureSelect Wash Buffer 2 | Not available. |
| | SureSelect XT HS and XT Low | Not available. |
| | Input Blocker Mix | |
| | SureSelect Fast Hybridization Buffer | Not available. |
| | SureSelect RNase Block | Not available. |
| | SureSelect Post- Capture Primer Mix | Not available. |
| | SureSelect XT HS Index Primer A01-H02 | Not available. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | Not available. |
| Odor threshold : | End Repair-A Tailing Enzyme Mix | Not available. |
| | End Repair-A Tailing Buffer | Not available. |
| | T4 DNA Ligase | Not available. |
| | Ligation Buffer | Not available. |
| | Adaptor Oligo Mix | Not available. |
| | Forward Primer | Not available. |
| | 100 mM dNTP Mix (25 mM each dNTP) | Not available. |
| | Herculase II Fusion DNA | Not available. |

| occuon 5.1 hysical | and chemical propert | |
|------------------------------|---|----------------|
| | Polymerase | |
| | 5X Herculase II Reaction Buffer | Not available. |
| | SureSelect Binding Buffer | Not available. |
| | SureSelect Wash Buffer 1 | Not available. |
| | SureSelect Wash Buffer 2 | Not available. |
| | SureSelect XT HS and XT Low | Not available. |
| | Input Blocker Mix | |
| | SureSelect Fast Hybridization | Not available. |
| | Buffer | |
| | SureSelect RNase Block | Not available. |
| | SureSelect Post- Capture Primer | Not available. |
| | Mix | |
| | SureSelect XT HS Index Primer | Not available. |
| | A01-H02 | |
| | SSel XT HS Cancer All-In-One | Not available. |
| | Lung, 16 Reactions | NUL avaliable. |
| | - | |
| рН | End Repair-A Tailing Enzyme Mix | 6.5 |
| | End Repair-A Tailing Buffer | 8 |
| | T4 DNA Ligase | 7.5 |
| | Ligation Buffer | 8 |
| | Adaptor Oligo Mix | 7.5 |
| | Forward Primer | 7.5 |
| | 100 mM dNTP Mix (25 mM each | 7.5 |
| | dNTP) | |
| | Herculase II Fusion DNA | 8.2 |
| | Polymerase | |
| | 5X Herculase II Reaction Buffer | 9.5 to 10.5 |
| | SureSelect Binding Buffer | 7.5 |
| | SureSelect Wash Buffer 1 | 7 |
| | SureSelect Wash Buffer 2 | 7 |
| | SureSelect XT HS and XT Low | 7.5 |
| | | 1.5 |
| | Input Blocker Mix | Not available. |
| | SureSelect Fast Hybridization Buffer | NUL avaliable. |
| | SureSelect RNase Block | 7.6 |
| | | - |
| | SureSelect Post- Capture Primer | 7.5 |
| | Mix | 7 5 |
| | SureSelect XT HS Index Primer | 7.5 |
| | A01-H02 | NI (11 II |
| | SSel XT HS Cancer All-In-One | Not available. |
| | Lung, 16 Reactions | |
| Melting point/freezing point | : End Repair-A Tailing Enzyme Mix | Not available. |
| | End Repair-A Tailing Buffer | 0°C (32°F) |
| | T4 DNA Ligase | Not available. |
| | Ligation Buffer | Not available. |
| | Adaptor Oligo Mix | 0°C (32°F) |
| | Forward Primer | 0°C (32°F) |
| | 100 mM dNTP Mix (25 mM each | Not available. |
| | dNTP) | |
| | Herculase II Fusion DNA | Not available. |
| | Polymerase | |
| | 5X Herculase II Reaction Buffer | Not available. |
| | SureSelect Binding Buffer | Not available. |
| | SureSelect Wash Buffer 1 | 0°C (32°F) |
| | SureSelect Wash Buffer 2 | 0°C (32°F) |
| | SureSelect XT HS and XT Low | 0°C (32°F) |
| | Input Blocker Mix | 0 0 (02 1) |
| | SureSelect Fast Hybridization | Not available. |
| | Buffer | NUL AVAIIADIE. |
| | Duilei | |

| Oection 5.1 hysical | | hich | | | CLY CI | laract | chistics | |
|---|--|------------|----------|--|--------|------------|---------------|--|
| | SureSelect RNase Ble SureSelect Post- Cap Mix | | | available. (32°F) | | | | |
| | SureSelect XT HS Index Primer A01-H02 | | | 0°C (32°F) | | | | |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | | | ; (32°F) | | | | |
| Boiling point, initial boiling point, and boiling range | : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer | | | 100°C (212°F) Not available. 100°C (212°F) 100°C (212°F) Not available. Not available. Not available. 100°C (212°F) 100°C (212°F) 100°C (212°F) Not available. Not available. | | | | |
| | A01-H02 SSel XT HS Cancer A Lung, 16 Reactions | All-In-One | 100 |)°C (212°F) | | | | |
| Flash point : | | | | | 1 | | | |
| | Ingredient name | °C | Closed c | Method | °C | Open °F | Cup Method | |
| | End Repair-A Tailing Enzyme Mix | | | | | | | |
| | Glycerol | - | - | - | 177 | 350.6 | - | |
| | T4 DNA Ligase | | | | | | | |
| | Glycerol | - | - | - | 177 | 350.6 | - | |
| | Ligation Buffer | | | | | | | |
| | Glycerol | - | - | - | 177 | 350.6 | - | |
| | Herculase II Fusion DNA Polymerase | | | | | | | |
| | Glycerol | - | - | - | 177 | 350.6 | - | |
| | SureSelect RNase Block | | | | | | | |

SureSelect XT HS Reagent Kit, index 1-16 + SSel Cancer All-In-One Lung Panel, 16rxn, Part Number G9704R

| Section 9. Physical | and chemical | prope | erties | and sa | fety cl | naract | eristics |
|---------------------|---|-------------|--------|----------------------------|---------|--------|----------|
| | Glycerol | - | - | - | 177 | 350.6 | - |
| | | | | | | | |
| | SSel XT HS | | | | | | |
| | Cancer All-In-One | | | | | | |
| | Lung, 16 Reactions | | | | | | |
| | Glycerol | - | - | - | 177 | 350.6 | - |
| Evaporation rate : | End Repair-A Tailing | • | | available. | | | |
| | End Repair-A Tailing | Buffer | | available. | | | |
| | T4 DNA Ligase Ligation Buffer | | | available. available. | | | |
| | Adaptor Oligo Mix | | | available. | | | |
| | Forward Primer | | | available. | | | |
| | 100 mM dNTP Mix (2 | 5 mM eac | | available. | | | |
| | dNTP) | | | | | | |
| | Herculase II Fusion D Polymerase | | | available. | | | |
| | 5X Herculase II Reac | | | available. | | | |
| | SureSelect Binding B | | | available. | | | |
| | SureSelect Wash Buf | | | available. | | | |
| | SureSelect Wash Buf SureSelect XT HS an | | | available. available. | | | |
| | Input Blocker Mix | | NOL | available. | | | |
| | SureSelect Fast Hybr Buffer | idization | Not | available. | | | |
| | SureSelect RNase Bl | ock | Not | available. | | | |
| | SureSelect Post- Cap Mix | | | available. | | | |
| | SureSelect XT HS Inc A01-H02 | | | available. | | | |
| | SSel XT HS Cancer A Lung, 16 Reactions | | | available. | | | |
| Flammability : | End Repair-A Tailing | | | applicable. | | | |
| | End Repair-A Tailing T4 DNA Ligase | Duller | | applicable. applicable. | | | |
| | Ligation Buffer | | | applicable. | | | |
| | Adaptor Oligo Mix | | | applicable. | | | |
| | Forward Primer | | | applicable. | | | |
| | 100 mM dNTP Mix (2 dNTP) | 5 mM eac | | applicable. | | | |
| | Herculase II Fusion D Polymerase | NA | Not | applicable. | | | |
| | 5X Herculase II Reac | tion Buffer | · Not | applicable. | | | |
| | SureSelect Binding B | uffer | Not | applicable. | | | |
| | SureSelect Wash Buf | | | applicable. | | | |
| | SureSelect Wash Buf | | | applicable. | | | |
| | SureSelect XT HS an | | NOT | applicable. | | | |
| | Input Blocker Mix SureSelect Fast Hybr Buffer | idization | Not | applicable. | | | |
| | SureSelect RNase Bl | ock | Not | applicable. | | | |
| | SureSelect Post- Cap Mix | | | applicable. | | | |
| | SureSelect XT HS Inc A01-H02 | | | applicable. | | | |
| | SSel XT HS Cancer A Lung, 16 Reactions | All-In-One | Not | applicable. | | | |

| Lower and upper explosion | 1 | End Repair-A Tailing Enzyme Mix | Not available. |
|---------------------------|---|--|----------------|
| limit/flammability limit | | End Repair-A Tailing Buffer | Not available. |
| | | T4 DNA Ligase | Not available. |
| | | Ligation Buffer | Not available. |
| | | Adaptor Oligo Mix | Not available. |
| | | Forward Primer | Not available. |
| | | 100 mM dNTP Mix (25 mM each dNTP) | Not available. |
| | | Herculase II Fusion DNA Polymerase | Not available. |
| | | 5X Herculase II Reaction Buffer | Not available. |
| | | SureSelect Binding Buffer | Not available. |
| | | SureSelect Wash Buffer 1 | Not available. |
| | | SureSelect Wash Buffer 2 | Not available. |
| | | SureSelect XT HS and XT Low Input Blocker Mix | Not available. |
| | | SureSelect Fast Hybridization Buffer | Not available. |
| | | SureSelect RNase Block | Not available. |
| | | SureSelect Post- Capture Primer Mix | Not available. |
| | | SureSelect XT HS Index Primer A01-H02 | Not available. |
| | | SSel XT HS Cancer All-In-One Lung, 16 Reactions | Not available. |
| | | | |

2

Vapor pressure

| | Vapo | r Pressu | re at 20°C | Vap | or pressu | ire at 50°C |
|------------------------------------|----------|----------|------------|----------|-----------|-------------|
| Ingredient name | mm Hg | kPa | Method | mm Hg | kPa | Method |
| End Repair-A Tailing Enzyme Mix | | | | | | |
| water | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| Glycerol | 0.000075 | 0.00001 | - | 0.0025 | 0.00033 | - |
| End Repair-A Tailing Buffer | | | | | | |
| water | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| T4 DNA Ligase | | | | | | |
| water | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| Glycerol | 0.000075 | 0.00001 | - | 0.0025 | 0.00033 | - |
| Ligation Buffer | | | | | | |
| water | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| Glycerol | 0.000075 | 0.00001 | - | 0.0025 | 0.00033 | - |
| Adaptor Oligo Mix | | | | | | |
| water | 17.5 | 2.3 | - | 92.258 | 12.3 | - |

| an | d chemical | prope | erties | anu saie | ety cha | aracte | nsucs |
|-----|--|-------------|---------|----------|---------|---------|-------|
| | orward Primer | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| | 0 mM dNTP Mix 5 mM each dNTP) | | | | | | |
| wa | ater | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| Fu | erculase II Ision DNA Ilymerase | | | | | | |
| wa | ater | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| Gl | ycerol | 0.000075 | 0.00001 | - | 0.0025 | 0.00033 | - |
| | K Herculase II eaction Buffer | | | | | | |
| wa | ater | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| Tre | ometamol | <0.00075006 | <0.0001 | - | - | - | - |
| | reSelect nding Buffer | | | | | | |
| wa | ater | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| | ireSelect Wash iffer 1 | | | | | | |
| wa | ater | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| | ireSelect Wash iffer 2 | | | | | | |
| wa | ater | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| an | rreSelect XT HS d XT Low Input ocker Mix | | | | | | |
| wa | ater | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| Ну | reSelect Fast /bridization uffer | | | | | | |
| wa | ater | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| Su | ireSelect RNase | | | | | | |

| Section 9. Physical a | and chemical | prope | erties | and sate | ety ch | aracte | ristics |
|--------------------------|---|--|---|--|--------|---------|---------|
| | Block | | | | | | |
| | water | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| | Glycerol | 0.000075 | 0.00001 | - | 0.0025 | 0.00033 | - |
| | SureSelect Post- Capture Primer Mix | | | | | | |
| | water | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| | SureSelect XT HS Index Primer A01-H02 | | | | | | |
| | water | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | | | | | | |
| | water | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| | Glycerol End Repair-A Tailing | 0.000075 | | - available. | 0.0025 | 0.00033 | - |
| Relative vapor density : | End Repair-A Tailing I T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (29 dNTP) Herculase II Fusion D Polymerase 5X Herculase II React SureSelect Binding Bu SureSelect Wash Buf SureSelect Wash Buf SureSelect Wash Buf SureSelect THS and Input Blocker Mix SureSelect Fast Hybri Buffer SureSelect RNase Blo SureSelect RNase Blo SureSelect XT HS Inc A01-H02 SSel XT HS Cancer A Lung, 16 Reactions | Buffer 5 mM eac NA tion Buffer offer 1 fer 2 d XT Low dization ock ture Prime lex Primer | Not a Not a | available. available. available. available. available. available. available. available. available. available. available. available. available. available. available. available. | | | |
| Relative density : | End Repair-A Tailing End Repair-A Tailing T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 dNTP) | Not a Not a Not a Not a Not a | available. available. available. available. available. available. available. | | | | |
| | | | | | | | |

| Herculase II Fusion DNA Not available. Polymerise SX Herculase II Reaction Buffer Not available. SureSelect Binding Buffer 1 Not available. SureSelect Wash Buffer 2 Not available. SureSelect Wash Buffer 2 Not available. SureSelect Sait Hybridization Not available. Buffer SureSelect Fast Hybridization Not available. SureSelect Fast Hybridization Not available. Buffer SureSelect Fast Hybridization Not available. SureSelect TAI IS Index Primer Not available. Lung, 16 Reactions Not available. Lung, 16 Reactions SureSelect TAI IS Index Primer Soluble Mix SureSelect XT HS Cancer All-In-One Not available. Lung, 16 Reactions Soluble Kater Soluble Highting Soluble Lung, 16 Reactions Soluble Lung, 16 Reactions Soluble Lightion Buffer Soluble Lightion Buffer Soluble Lightion Buffer Soluble Lightion Buffer Soluble Soluble Lightion Buffer Soluble Solub | | | | |
|--|-------------------|-----------------------------------|---------|----------|
| SX Herculase II Reaction Buffer Not available. SureSelect Binding Buffer Not available. SureSelect Wash Buffer 1 Not available. SureSelect Wash Buffer 2 Not available. SureSelect River Mix Not available. SureSelect Rolase Block Not available. Water Soluble Find Repair-A Tailing Enzyme Mix Soluble Water Soluble Water Soluble Water Soluble Water Soluble Soluble Sol | | | Not ava | ailable. |
| Solubility(les) SureSelect Wash Buffer 1 Not available. SureSelect Wash Buffer 2 Not available. SureSelect Xash Buffer 2 Not available. SureSelect XT HS and XT Low Not available. Buffer SureSelect Rast Hybridization Not available. SureSelect Rast Hybridization Not available. SureSelect XT HS Index Primer Not available. SureSelect XT HS Index Primer Not available. Lung, 16 Reactions SureSelect XT HS Index Primer Not available. Lung, 16 Reactions Soluble Kedfa Repair-A Tailing Enzyme Mix water Soluble Uigation Buffer Soluble Ligation Buffer Soluble Ligation Buffer Soluble Kedaptor Oligo Mix Water Soluble Soluble SureSelect Binding Buffer Soluble Soluble SureSelect Binding Buffer Soluble Soluble SureSelect Binding Buffer Soluble SureSelect THS and XT Low Input Biccker Mix water Soluble SureSelect Rives Block water Soluble SureSelect Rives Block water Soluble SureSelect Rives Block water Soluble SureSelect Rives Plock Water Soluble SureSelect Rives Ploce Soluble SureSelect Riv | | | | ailabla |
| Solubility(ies) SureSelect Wash Euffer 1 Not available. SureSelect Wash Buffer 2 Not available. SureSelect RNase Block Not available. Buffer SureSelect RNase Block Not available. SureSelect RNase Block Not available. SureSelect RNase Block Not available. SureSelect RNase Block Not available. SureSelect TNS Index Primer Not available. SureSelect TNS Index Primer Not available. SureSelect RNase Block Not available. SureSelect RNase Block Not available. SureSelect RNase Block Not available. Solubility(ies) Media Result End Repair-A Tailing Enzyme Mix Vater Soluble End Repair-A Tailing Buffer Soluble T4 DNA Ligase Vater Soluble Vater Soluble Forward Primer Soluble Vater Soluble Herculase II Fusion DNA Polymerase Vater Soluble Soluble SureSelect Binding Buffer Soluble Soluble SureSelect Binding Buffer Soluble Soluble Soluble Soluble Soluble Soluble SureSelect Binding Buffer Soluble SureSelect XT HS and XT Low Input Biocker Mix Water Soluble SureSelect XT HS and XT Low Input Biocker Mix Water Soluble SureSelect XT HS and XT Low Input Biocker Mix Water Soluble SureSelect XT HS and XT Low Input Biocker Mix Water Soluble SureSelect XT HS and XT Low Input Biocker Mix Water Soluble SureSelect XT HS and XT Low Input Biocker Mix Water Soluble SureSelect XT HS Index Primer Mix Water Soluble SureSelect XT HS In | | | | |
| Solubility(ies) SureSelect XT H San XT Low Not available. SureSelect XT H San XT Low Not available. SureSelect Post- Capture Primer Mix SureSelect XT H SI Index Primer Not available. SureSelect XT H SI Index Primer Not available. SureSelect XT H SI Index Primer Mix Water Soluble Soluble Media | | | | |
| Solubility(ies) Solubi | | | | |
| Input Blocker Mix SureSelect Tast Hybridization Not available. Buffer SureSelect Rast Eglock Not available. SureSelect XT HS Index Primer Not available. A01-H02 SSel XT HS Cancer All-In-One Not available. Lung, 16 Reactions Solubility(ies) Media For Repair-A Tailing Enzyme Mix Water Soluble For Repair-A Tailing Enzyme Mix Water Soluble Ligation Buffer Water Soluble Forward Primer Water Soluble Forward Primer Water Soluble SureSelect Binding Buffer Water Soluble SureSelect Binding Buffer Water Soluble Soluble SureSelect Binding Buffer Water Soluble Soluble Soluble SureSelect Binding Buffer Water Soluble Soluble SureSelect Binding Buffer Water Soluble SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 Soluble SureSelect Mase Buffer 2 Soluble SureSelect Mase Buffer 2 Soluble SureSelect TH S and XT Low Input Blocker Mix Water Soluble SureSelect TH Sand XT Low Input Blocker Mix Water Soluble SureSelect TH Sand XT Low Input Blocker Mix Water Soluble SureSelect TH Sand XT Low Input Blocker Mix Water Soluble SureSelect TH Sand XT Low Input Blocker Mix Water Soluble SureSelect TH Sand XT Low Input Blocker Mix Water Soluble SureSelect TH Sand XT Low Input Blocker Mix Water Soluble SureSelect TH Sand XT Low Input Blocker Mix Water Soluble SureSelect TH Sand XT Low Input Blocker Mix Water Soluble SureSelect TH Sand XT Low Input Blocker Mix Water Soluble SureSelect TH Sand XT Low Input Blocker Mix Water Soluble SureSelect TH Sand XT Low Input Blocker Mix Water Soluble SureSelect TH Sand XT Low Input Blocker Mix Water Soluble SureSelect TH Sand XT Low Input Blocker Mix Water Soluble SureSelect TH Sand XT Low Input Blocker Mix Water Soluble SureSelect TH Sand XT Low Input Blocker Mix Water Soluble SureSelect TH Sand XT Low Input Blocker Mix Water Soluble SureSelect TH Sand XT Low Input Blocker Mix Water Soluble SureSelect TH Sand XT Low Input Blocker Mix Water Soluble Su | | | | |
| Solubility(les) Solubi | | | Not ava | ailable. |
| Buffer SureSelect RNase Block Not available. SureSelect Post- Capture Primer Not available. Mix SureSelect XT HS Index Primer Not available. A01-H02 SSI XT HS Cancer All-In-One Not available. SSI XT HS Cancer All-In-One Not available. Lung. 16 Reactions Find Repair-A Tailing Enzyme Mix Soluble End Repair-A Tailing Buffer Water Soluble Soluble T4 DNA Ligase Soluble Ligation Buffer Water Soluble Soluble Ligation Buffer Soluble Soluble Water Soluble Soluble Herculase II Fusion DNA Polymerase Soluble Water Soluble Soluble SureSelect Wash Buffer 1 Soluble Soluble SureSelect Wash Buffer 2 Soluble Soluble SureSelect TH S and XT Low Input Soluble Soluble Blocker Mix Soluble Soluble Water Soluble Soluble SureSelect TH S and XT Low Input Blocker Mix Soluble SureSelect Tast Hybridization Buffer Soluble | | Input Blocker Mix | | |
| SureSelect RNase Block Not available. SureSelect XT HS Index Primer Not available. A01-H02 Stel XT HS Cancer All-In-One Not available. SSel XT HS Cancer All-In-One Not available. A01-H02 Start A Tailing Buffer Not available. Soluble Water Soluble Soluble Adaptor Oligo Mix Water Soluble Soluble Adaptor Oligo Mix Water Soluble Soluble Soluble Yearer Soluble Soluble Soluble Water Soluble Soluble Soluble SureSelect Prost- Capture Primer Soluble Soluble SureSelect T HS and XT Low In | | SureSelect Fast Hybridization | Not ava | ailable. |
| SureSelect Post- Capture Primer Not available. Mix SureSelect XT HS Index Primer Not available. A01-H02 SSEI XT HS Cancer All-In-One Not available. Lung, 16 Reactions Solubility(ies) Media Repair-A Tailing Enzyme Mix water End Repair-A Tailing Buffer water T4 DNA Ligase water T4 DNA Ligase water Soluble Ligation Buffer water Soluble Forward Primer water Soluble Forward Primer water Soluble Soluble Soluble Herculase II Fusion DNA Polymerase water Soluble SureSelect Wash Buffer 1 water Soluble SureSelect Wash Buffer 2 water Soluble SureSelect XT HS and XT Low Input Blocker Mix water SureSelect XT HS and XT Low Input Blocker Mix water SureSelect Rase Block water Soluble SureSelect Rnase Block water Soluble SureSelect XT HS Index Primer A01.402 Soluble SureSelect XT HS Index Primer A01.402 Water Soluble SureSelect XT HS Index Primer A01.402 Soluble SureSelect XT HS Index Primer A01.402 Water Soluble SureSelect XT HS Index Primer A01.402 Water Soluble SureSelect XT HS Index Primer A01.402 Water Soluble SureSelect XT HS Index Primer A01.402 Soluble SureSelect XT HS Index Primer A01.402 Soluble Soluble SureSelect XT HS Index Primer A01.402 Soluble Soluble SureSelect XT HS Index Primer A01.402 Soluble Soluble SureSelect XT HS Index Primer A01.402 Soluble Soluble Soluble Soluble Soluble Soluble Soluble Soluble Soluble Soluble Soluble Soluble Soluble Soluble Soluble | | Buffer | | |
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| Solubility(ies) Solubility(ies) Solubility(ies) Solubility(ies) Net dia Find Repair-A Tailing Enzyme Mix Water End Repair-A Tailing Buffer Water T4 DNA Ligase Water Ligation Buffer Water Adaptor Oligo Mix Water Forward Primer Water Soluble Solubl | | | | |
| Solubility(ies) Lung, 16 Reactions Media Result Find Repair-A Tailing Enzyme Mix Water End Repair-A Tailing Buffer Water End Repair-A Tailing Buffer Water T 4 DNA Ligase Water Ligation Buffer Water Adaptor Oligo Mix Water Soluble Adaptor Oligo Mix Water Soluble | | | | ailabla |
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| Find Repair-A Tailing Enzyme Mix Soluble water Soluble End Repair-A Tailing Buffer Soluble water Soluble T4 DNA Ligase Soluble water Soluble Ligation Buffer Soluble water Soluble Adaptor Oligo Mix Soluble water Soluble Adaptor Oligo Mix Soluble water Soluble Forward Primer Soluble water Soluble Herculase II Fusion DNA Polymerase Soluble water Soluble StreSelect Binding Buffer Soluble water Soluble SureSelect Wash Buffer 1 Soluble water Soluble SureSelect Wash Buffer 2 Soluble water Soluble SureSelect TAT HS and XT Low Input Blocker Mix water Soluble SureSelect Rase Block Soluble water Soluble SureSelect TAT HS Index Primer A01-H02 water Soluble | | | | T |
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| waterSoluble100 mM dNTP Mix (25 mM each dNTP) waterSolubleWaterSolubleHerculase II Fusion DNA Polymerase waterSolubleSX Herculase II Reaction BufferSolubleWaterSolubleSureSelect Binding BufferSolubleWaterSolubleSureSelect Wash Buffer 1 waterSolubleWaterSolubleSureSelect Wash Buffer 2 waterSolubleSureSelect XT HS and XT Low Input Blocker MixSolubleSureSelect Fast Hybridization Buffer waterSolubleSureSelect RNase Block waterSolubleSureSelect XT HS Index Primer A01-H02 waterSoluble | | | | Soluble |
| 100 mM dNTP Mix (25 mM each dNTP) waterSolublewaterSolubleHerculase II Fusion DNA Polymerase waterSoluble5X Herculase II Reaction Buffer waterSolubleSureSelect Binding Buffer waterSolubleSureSelect Wash Buffer 1 waterSolubleSureSelect Wash Buffer 2 waterSolubleSureSelect XT HS and XT Low Input Blocker Mix waterSolubleSureSelect Fast Hybridization Buffer waterSolubleSureSelect Fast Hybridization Buffer waterSolubleSureSelect TAT HS and XT Low Input Blocker Mix waterSolubleSureSelect Tast Hybridization Buffer waterSolubleSureSelect TAT HS and XT Low Input Blocker Mix waterSolubleSureSelect TAT HS and XT Low Input waterSolubleSureSelect Tast Hybridization Buffer waterSolubleSureSelect TAT HS and XT Low Input Blocker Mix waterSolubleSureSelect Tast Hybridization Buffer waterSolubleSureSelect TAT HS Endex Primer Mix waterSolublewaterSolubleSureSelect TAT HS Index Primer A01-H02 waterSoluble | | Forward Primer | | |
| waterSolubleHerculase II Fusion DNA Polymerase waterSoluble5X Herculase II Reaction Buffer waterSolubleSureSelect Binding Buffer waterSolubleSureSelect Wash Buffer 1 waterSolublewaterSolubleSureSelect Wash Buffer 2 waterSolubleSureSelect XT HS and XT Low Input Blocker Mix waterSolubleSureSelect Fast Hybridization Buffer waterSolubleSureSelect RNase Block waterSolubleSureSelect XT HS Index Primer Mix waterSolubleSureSelect XT HS Index Primer A01-H02 waterSolubleSureSelect XT HS Index Primer A01-H02 waterSoluble | | water | | Soluble |
| Herculase II Fusion DNA Polymerase waterSoluble5X Herculase II Reaction BufferSoluble5X Herculase II Reaction BufferSolublewaterSolubleSureSelect Binding Buffer 1 waterSolublewaterSolubleSureSelect Wash Buffer 1 waterSolublewaterSolubleSureSelect Wash Buffer 2 waterSolubleWaterSolubleSureSelect XT HS and XT Low Input Blocker MixSolubleSureSelect Fast Hybridization Buffer waterSolubleSureSelect Fast Hybridization Buffer waterSolubleSureSelect RNase Block waterSolubleSureSelect THS Index Primer M01-H02 waterSolubleSureSelect XT HS Index Primer A01-H02 waterSoluble | | 100 mM dNTP Mix (25 mM each dN | ITP) | |
| waterSolubleSX Herculase II Reaction BufferSolublewaterSolubleSureSelect Binding BufferSolublewaterSolubleSureSelect Wash Buffer 1SolublewaterSolubleSureSelect Wash Buffer 2SolublewaterSolubleSureSelect Wash Buffer 2SolublewaterSolubleSureSelect XT HS and XT Low InputBlocker MixBlocker MixSolublewaterSolubleSureSelect Fast Hybridization BufferSolublewaterSolubleSureSelect RNase BlockSolublewaterSolubleSureSelect Post- Capture Primer MixSolublewaterSolubleSureSelect XT HS Index Primer A01-H02SolublewaterSolubleSureSelect XT HS Index Primer A01-H02SolubleSure Select XT HS Index Primer A01-H02SolubleWaterSolubleSure Select XT HS Index Primer A01-H02SolubleWaterSolubleSure Select XT HS Index Primer A01-H02SolubleWater< | | water | | Soluble |
| waterSolubleSX Herculase II Reaction BufferSolublewaterSolubleSureSelect Binding BufferSolublewaterSolubleSureSelect Wash Buffer 1SolublewaterSolubleSureSelect Wash Buffer 2SolublewaterSolubleSureSelect Wash Buffer 2SolublewaterSolubleSureSelect XT HS and XT Low InputBlocker MixBlocker MixSolublewaterSolubleSureSelect Fast Hybridization BufferSolublewaterSolubleSureSelect RNase BlockSolublewaterSolubleSureSelect Post- Capture Primer MixSolublewaterSolubleSureSelect XT HS Index Primer A01-H02SolublewaterSolubleSureSelect XT HS Index Primer A01-H02SolubleSure Select XT HS Index Primer A01-H02SolubleWaterSolubleSure Select XT HS Index Primer A01-H02SolubleWaterSolubleSure Select XT HS Index Primer A01-H02SolubleWater< | | Herculase II Fusion DNA Polymera | ise | |
| 5X Herculase II Reaction BufferSolublewaterSolubleSureSelect Binding BufferSolublewaterSolubleSureSelect Wash Buffer 1SolublewaterSolubleSureSelect Wash Buffer 2SolublewaterSolubleSureSelect XT HS and XT Low InputSolubleBlocker MixSolublewaterSolubleSureSelect Fast Hybridization BufferSolublewaterSolubleSureSelect RNase BlockSolublewaterSolubleSureSelect Post- Capture Primer MixSolublewaterSolubleSureSelect XT HS Index Primer A01-H02SolublewaterSolubleSureSelect XT HS Index Primer A01-H02SolublewaterSolubleSureSelect XT HS Index Primer A01-H02SolublewaterSolubleSolubleSolubleSolubleSolubleSolubleSolubleSureSelect XT HS Index Primer A01-H02SolubleWaterSoluble< | | - | | Soluble |
| waterSolubleSureSelect Binding BufferSolublewaterSolubleSureSelect Wash Buffer 1WaterWaterSolubleSureSelect Wash Buffer 2SolubleWaterSolubleSureSelect XT HS and XT Low InputBlocker MixBlocker MixSolublewaterSolubleSureSelect Fast Hybridization BufferSolubleWaterSolubleSureSelect RNase BlockSolublewaterSolubleSureSelect Post- Capture Primer MixSolubleWaterSolubleSureSelect XT HS Index Primer A01-H02SolubleWaterSoluble | | | | |
| SureSelect Binding BufferSolublewaterSolubleSureSelect Wash Buffer 1SolublewaterSolubleSureSelect Wash Buffer 2SolublewaterSolubleSureSelect XT HS and XT Low InputBlocker MixBlocker MixSolublewaterSolubleSureSelect Fast Hybridization BufferSolubleWaterSolubleSureSelect RNase BlockSolublewaterSolubleSureSelect Post- Capture Primer MixSolublewaterSolubleSureSelect XT HS Index Primer A01-H02SolublewaterSoluble | | | | Soluble |
| water Soluble SureSelect Wash Buffer 1 water Soluble SureSelect Wash Buffer 2 water Soluble SureSelect XT HS and XT Low Input Blocker Mix water Soluble SureSelect Fast Hybridization Buffer water Soluble SureSelect RNase Block water Soluble SureSelect Post- Capture Primer Mix water Soluble SureSelect XT HS Index Primer A01-H02 water Soluble | | | | Soluble |
| SureSelect Wash Buffer 1SolublewaterSolubleSureSelect Wash Buffer 2SolublewaterSolubleSureSelect XT HS and XT Low InputBlocker MixBlocker MixSolublewaterSolubleSureSelect Fast Hybridization BufferSolublewaterSolubleSureSelect RNase BlockSolublewaterSolubleSureSelect Post- Capture Primer MixSolublewaterSolubleSureSelect XT HS Index Primer A01-H02SolublewaterSoluble | | - | | |
| waterSolubleSureSelect Wash Buffer 2SolublewaterSolubleSureSelect XT HS and XT Low InputSolubleBlocker MixSolublewaterSolubleSureSelect Fast Hybridization BufferSolublewaterSolubleSureSelect RNase BlockSolublewaterSolubleSureSelect Post- Capture Primer MixSolublewaterSolubleSureSelect XT HS Index Primer A01-H02SolublewaterSoluble | | | | Soluble |
| SureSelect Wash Buffer 2 waterSolubleSureSelect XT HS and XT Low Input Blocker MixSolublewaterSolublewaterSolubleSureSelect Fast Hybridization Buffer waterSolublewaterSolubleSureSelect RNase Block waterSolubleSureSelect Post- Capture Primer Mix waterSolubleSureSelect XT HS Index Primer A01-H02 waterSoluble | | | | |
| waterSolubleSureSelect XT HS and XT Low Input Blocker MixSolublewaterSolublewaterSolubleSureSelect Fast Hybridization Buffer waterSolublewaterSolubleSureSelect RNase Block waterSolubleSureSelect Post- Capture Primer Mix waterSolubleSureSelect XT HS Index Primer A01-H02 waterSoluble | | | | Soluble |
| SureSelect XT HS and XT Low Input Blocker MixSolublewaterSolubleSureSelect Fast Hybridization Buffer waterSolubleSureSelect RNase Block waterSolubleSureSelect Post- Capture Primer Mix waterSolubleSureSelect XT HS Index Primer A01-H02 waterSolubleSureSelect XT HS Index Primer A01-H02 waterSoluble | | SureSelect Wash Buffer 2 | | |
| Blocker MixSolublewaterSolubleSureSelect Fast Hybridization BufferSolublewaterSolubleSureSelect RNase BlockSolublewaterSolubleSureSelect Post- Capture Primer MixSolublewaterSolubleSureSelect XT HS Index Primer A01-H02SolublewaterSoluble | | water | | Soluble |
| Blocker MixSolublewaterSolubleSureSelect Fast Hybridization BufferSolublewaterSolubleSureSelect RNase BlockSolublewaterSolubleSureSelect Post- Capture Primer MixSolublewaterSolubleSureSelect XT HS Index Primer A01-H02SolublewaterSoluble | | SureSelect XT HS and XT Low Input | ut | |
| waterSolubleSureSelect Fast Hybridization BufferSolublewaterSolubleSureSelect RNase BlockSolublewaterSolubleSureSelect Post- Capture Primer MixSolublewaterSolubleSureSelect XT HS Index Primer A01-H02SolublewaterSoluble | | | | |
| SureSelect Fast Hybridization Buffer waterSolubleSureSelect RNase Block waterSolubleSureSelect Post- Capture Primer Mix waterSolubleSureSelect XT HS Index Primer A01-H02 waterSolubleSureSelect XT HS Index Primer A01-H02 waterSoluble | | | | Soluble |
| water Soluble SureSelect RNase Block water Soluble SureSelect Post- Capture Primer Mix water SureSelect XT HS Index Primer A01-H02 water Soluble Soluble | | | for | |
| SureSelect RNase Block Soluble water Soluble SureSelect Post- Capture Primer Mix Soluble water Soluble SureSelect XT HS Index Primer A01-H02 Soluble water Soluble | | - | | Soluble |
| water Soluble SureSelect Post- Capture Primer Mix water Soluble SureSelect XT HS Index Primer A01-H02 water Soluble | | | | |
| SureSelect Post- Capture Primer Mix water Soluble SureSelect XT HS Index Primer A01-H02 water Soluble | | | | Calubia |
| water SureSelect XT HS Index Primer A01-H02 water Soluble | | | | Solutie |
| SureSelect XT HS Index Primer A01-H02 water Soluble | | - | /IIX | |
| water Soluble | | | | Soluble |
| | | SureSelect XT HS Index Primer A0 | 1-H02 | |
| | | water | | Soluble |
| SSel XT HS Cancer All-In-One Lung, 16 | | | a, 16 | |
| Reactions | | | J, | |
| water Soluble | | | | Soluble |
| | | | | |

| Partition coefficient: n- | 1 | End Repair-A Tailing Enzyme Mix | Not applic | able. |
|---------------------------|---|--|-----------------|-------|
| octanol/water | | End Repair-A Tailing Buffer | Not applica | |
| | | T4 DNA Ligase | Not applica | able. |
| | | Ligation Buffer | Not applica | able. |
| | | Adaptor Oligo Mix | Not applica | able. |
| | | Forward Primer | Not applica | able. |
| | | 100 mM dNTP Mix (25 mM each dNTP) | Not application | able. |
| | | Herculase II Fusion DNA Polymerase | Not applica | able. |
| | | 5X Herculase II Reaction Buffer | Not applica | able. |
| | | SureSelect Binding Buffer | Not applica | |
| | | SureSelect Wash Buffer 1 | Not applica | able. |
| | | SureSelect Wash Buffer 2 | Not applica | able. |
| | | SureSelect XT HS and XT Low Input Blocker Mix | Not applica | able. |
| | | SureSelect Fast Hybridization Buffer | Not applica | able. |
| | | SureSelect RNase Block | Not applica | able. |
| | | SureSelect Post- Capture Primer Mix | Not applica | |
| | | SureSelect XT HS Index Primer A01-H02 | Not applica | able. |
| | | SSel XT HS Cancer All-In-One Lung, 16 Reactions | Not applic | able. |
| Auto-ignition temperature | 1 | Ingredient name | °C | °F |

| Ingredient name | °C | ۴ | Method |
|---|---|--|---|
| End Repair-A Tailing Enzyme Mix | | | |
| Glycerol | 370 | 698 | - |
| T4 DNA Ligase | | | |
| Glycerol | 370 | 698 | - |
| Ligation Buffer | | | |
| Glycerol | 370 | 698 | - |
| Herculase II Fusion DNA Polymerase | | | |
| Glycerol | 370 | 698 | - |
| SureSelect RNase Block | | | |
| Glycerol | 370 | 698 | - |
| SSel XT HS Cancer All-In- One Lung, 16 Reactions | | | |
| Glycerol | 370 | 698 | - |
| | Mix Glycerol T4 DNA Ligase Glycerol Ligation Buffer Glycerol Herculase II Fusion DNA Polymerase Glycerol SureSelect RNase Block Glycerol SSel XT HS Cancer All-In- One Lung, 16 Reactions | End Repair-A Tailing Enzyme Mix370Glycerol370T4 DNA Ligase Glycerol370Ligation Buffer Glycerol370Glycerol370Ligation Buffer Glycerol370SureSelect RNase Block Glycerol370Ssel XT HS Cancer All-In- One Lung, 16 Reactions370 | Find Repair-A Tailing Enzyme Mix370698Glycerol370698T4 DNA Ligase Glycerol370698Ligation Buffer Glycerol370698Herculase II Fusion DNA Polymerase370698SureSelect RNase Block Glycerol370698SSel XT HS Cancer All-In- One Lung, 16 Reactions370698 |

| Section 5. Filysica | i and chemical propert | les and sa |
|---------------------------|--|-----------------|
| Decomposition temperature | : End Repair-A Tailing Enzyme Mix | Not available. |
| | End Repair-A Tailing Buffer | Not available. |
| | T4 DNA Ligase | Not available. |
| | Ligation Buffer | Not available. |
| | Adaptor Oligo Mix | Not available. |
| | Forward Primer | Not available. |
| | 100 mM dNTP Mix (25 mM each dNTP) | Not available. |
| | Herculase II Fusion DNA Polymerase | Not available. |
| | 5X Herculase II Reaction Buffer | Not available. |
| | SureSelect Binding Buffer | Not available. |
| | SureSelect Wash Buffer 1 | Not available. |
| | SureSelect Wash Buffer 2 | Not available. |
| | SureSelect XT HS and XT Low | Not available. |
| | Input Blocker Mix SureSelect Fast Hybridization Buffer | Not available. |
| | | Not ovoilable |
| | SureSelect RNase Block | Not available. |
| | SureSelect Post- Capture Primer Mix | Not available. |
| | SureSelect XT HS Index Primer A01-H02 | Not available. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | Not available. |
| Viscosity | : End Repair-A Tailing Enzyme Mix | Not available. |
| - | End Repair-A Tailing Buffer | Not available. |
| | T4 DNA Ligase | Not available. |
| | Ligation Buffer | Not available. |
| | Adaptor Oligo Mix | Not available. |
| | Forward Primer | Not available. |
| | 100 mM dNTP Mix (25 mM each dNTP) | Not available. |
| | Herculase II Fusion DNA Polymerase | Not available. |
| | 5X Herculase II Reaction Buffer | Not available. |
| | SureSelect Binding Buffer | Not available. |
| | SureSelect Wash Buffer 1 | Not available. |
| | SureSelect Wash Buffer 2 | Not available. |
| | SureSelect XT HS and XT Low Input Blocker Mix | Not available. |
| | SureSelect Fast Hybridization | Not available. |
| | SureSelect RNase Block | Not available. |
| | SureSelect Post- Capture Primer | Not available. |
| | SureSelect XT HS Index Primer A01-H02 | Not available. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | Not available. |
| Particle characteristics | | |
| Median particle size | : End Repair-A Tailing Enzyme Mix | Not applicable. |
| | End Repair-A Tailing Buffer | Not applicable. |
| | T4 DNA Ligase | Not applicable. |
| | Ligation Buffer | Not applicable. |
| | Adaptor Oligo Mix | Not applicable. |
| | Forward Primer | Not applicable. |
| | 100 mM dNTP Mix (25 mM each | Not applicable. |
| | dNTP) | |
| | | |

| Herculase II Fusion DNA | Not applicable. |
|---------------------------------|-----------------|
| Polymerase | |
| 5X Herculase II Reaction Buffer | Not applicable. |
| SureSelect Binding Buffer | Not applicable. |
| SureSelect Wash Buffer 1 | Not applicable. |
| SureSelect Wash Buffer 2 | Not applicable. |
| SureSelect XT HS and XT Low | Not applicable. |
| Input Blocker Mix | |
| SureSelect Fast Hybridization | Not applicable. |
| Buffer | |
| SureSelect RNase Block | Not applicable. |
| SureSelect Post- Capture Primer | Not applicable. |
| Mix | |
| SureSelect XT HS Index Primer | Not applicable. |
| A01-H02 | |
| SSel XT HS Cancer All-In-One | Not applicable. |
| Lung, 16 Reactions | |
| U | |

| 10.1 Reactivity | : End Repair-A Tailing Enzyme Mix | No specific test data related to reactivity available for this product or its ingredients. |
|-----------------|-----------------------------------|--|
| | End Repair-A Tailing Buffer | No specific test data related to reactivity available |
| | | for this product or its ingredients. |
| | T4 DNA Ligase | No specific test data related to reactivity available |
| | 0 | for this product or its ingredients. |
| | Ligation Buffer | No specific test data related to reactivity available |
| | | for this product or its ingredients. |
| | Adaptor Oligo Mix | No specific test data related to reactivity available |
| | | for this product or its ingredients. |
| | Forward Primer | No specific test data related to reactivity available |
| | | for this product or its ingredients. |
| | 100 mM dNTP Mix (25 mM each | No specific test data related to reactivity available |
| | dNTP) | for this product or its ingredients. |
| | Herculase II Fusion DNA | No specific test data related to reactivity available |
| | Polymerase | 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 Binding Buffer | No specific test data related to reactivity available |
| | | for this product or its ingredients. |
| | SureSelect Wash Buffer 1 | No specific test data related to reactivity available |
| | | for this product or its ingredients. |
| | SureSelect Wash Buffer 2 | No specific test data related to reactivity available |
| | | for this product or its ingredients. |
| | SureSelect XT HS and XT Low | No specific test data related to reactivity available |
| | Input Blocker Mix | for this product or its ingredients. |
| | SureSelect Fast Hybridization | No specific test data related to reactivity available |
| | Buffer | for this product or its ingredients. |
| | SureSelect RNase Block | No specific test data related to reactivity available |
| | | for this product or its ingredients. |
| | SureSelect Post- Capture Primer | No specific test data related to reactivity available |
| | Mix | for this product or its ingredients. |
| | SureSelect XT HS Index Primer | No specific test data related to reactivity available |
| | A01-H02 | for this product or its ingredients. |
| | SSel XT HS Cancer All-In-One | No specific test data related to reactivity available |
| | Lung, 16 Reactions | for this product or its ingredients. |

| 10.2 Chemical stability | : End Repair-A Tailing Enzyme Mix | The product is stable. |
|--|--|--|
| | End Repair-A Tailing Buffer | The product is stable. |
| | T4 DNA Ligase Ligation Buffer | The product is stable. The product is stable. |
| | Adaptor Oligo Mix | The product is stable. |
| | Forward Primer | The product is stable. |
| | 100 mM dNTP Mix (25 mM each | The product is stable. |
| | dNTP) | |
| | Herculase II Fusion DNA | The product is stable. |
| | Polymerase | |
| | 5X Herculase II Reaction Buffer | The product is stable. |
| | SureSelect Binding Buffer | The product is stable. |
| | SureSelect Wash Buffer 1 | The product is stable. |
| | SureSelect Wash Buffer 2 | The product is stable. |
| | SureSelect XT HS and XT Low | The product is stable. |
| | Input Blocker Mix | The product is stable. |
| | SureSelect Fast Hybridization Buffer | The product is stable. |
| | SureSelect RNase Block | The product is stable. |
| | SureSelect Post- Capture Primer | The product is stable. |
| | Mix | • |
| | SureSelect XT HS Index Primer | The product is stable. |
| | A01-H02 | |
| | SSel XT HS Cancer All-In-One | The product is stable. |
| | Lung, 16 Reactions | |
| 40.2 Describility of | - End Donois A Tailing England Mix | Under normal conditions of storage and use |
| 10.3 Possibility of hazardous reactions | : End Repair-A Tailing Enzyme Mix | Under normal conditions of storage and use, hazardous reactions will not occur. |
| nazardous reactions | End Repair-A Tailing Buffer | Under normal conditions of storage and use, |
| | | hazardous reactions will not occur. |
| | T4 DNA Ligase | Under normal conditions of storage and use, |
| | C C | hazardous reactions will not occur. |
| | Ligation Buffer | Under normal conditions of storage and use, |
| | | hazardous reactions will not occur. |
| | Adaptor Oligo Mix | Under normal conditions of storage and use, |
| | | hazardous reactions will not occur. |
| | Forward Primer | Under normal conditions of storage and use, |
| | 100 mM dNTP Mix (25 mM each | hazardous reactions will not occur. Under normal conditions of storage and use, |
| | dNTP) | hazardous reactions will not occur. |
| | Herculase II Fusion DNA | Under normal conditions of storage and use, |
| | Polymerase | hazardous reactions will not occur. |
| | 5X Herculase II Reaction Buffer | Under normal conditions of storage and use, |
| | | hazardous reactions will not occur. |
| | SureSelect Binding Buffer | Under normal conditions of storage and use, |
| | • • • • • • • • • • | hazardous reactions will not occur. |
| | SureSelect Wash Buffer 1 | Under normal conditions of storage and use, |
| | Sura Calact Weak Duffer 0 | hazardous reactions will not occur. |
| | SureSelect Wash Buffer 2 | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | SureSelect XT HS and XT Low | Under normal conditions of storage and use, |
| | Input Blocker Mix | hazardous reactions will not occur. |
| | SureSelect Fast Hybridization | Under normal conditions of storage and use, |
| | | . |
| | Buffer | hazardous reactions will not occur. |
| | Buffer SureSelect RNase Block | hazardous reactions will not occur. Under normal conditions of storage and use, |
| | | |
| | SureSelect RNase Block SureSelect Post- Capture Primer | Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, |
| | SureSelect RNase Block SureSelect Post- Capture Primer Mix | Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. |
| | SureSelect RNase Block SureSelect Post- Capture Primer | Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, |

| | y and reactivity | |
|----------------------------|--|--|
| | SSel XT HS Cancer All-In-One | Under normal conditions of storage and use, |
| | Lung, 16 Reactions | hazardous reactions will not occur. |
| | Lang, to Readions | |
| 10.4 Conditions to avoid | : End Repair-A Tailing Enzyme Mix | No specific data. |
| | End Repair-A Tailing Buffer | No specific data. |
| | T4 DNA Ligase | No specific data. |
| | Ligation Buffer | No specific data. |
| | | |
| | Adaptor Oligo Mix | No specific data. |
| | Forward Primer | No specific data. |
| | 100 mM dNTP Mix (25 mM each dNTP) | No specific data. |
| | Herculase II Fusion DNA Polymerase | No specific data. |
| | 5X Herculase II Reaction Buffer | No specific data. |
| | SureSelect Binding Buffer | No specific data. |
| | SureSelect Wash Buffer 1 | No specific data. |
| | | |
| | SureSelect Wash Buffer 2 | No specific data. |
| | SureSelect XT HS and XT Low Input Blocker Mix | No specific data. |
| | SureSelect Fast Hybridization Buffer | No specific data. |
| | SureSelect RNase Block | No specific data. |
| | SureSelect Post- Capture Primer Mix | No specific data. |
| | SureSelect XT HS Index Primer A01-H02 | No specific data. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | No specific data. |
| 0.5 Incompatible materials | : End Repair-A Tailing Enzyme Mix | May react or be incompatible with oxidizing |
| | End Repair-A Tailing Buffer | materials. May react or be incompatible with oxidizing |
| | T4 DNA Ligase | materials. May react or be incompatible with oxidizing |
| | - | materials. |
| | Ligation Buffer | May react or be incompatible with oxidizing materials. |
| | Adaptor Oligo Mix | May react or be incompatible with oxidizing materials. |
| | Forward Primer | May react or be incompatible with oxidizing materials. |
| | 100 mM dNTD Mix (25 mM agab | |
| | 100 mM dNTP Mix (25 mM each dNTP) | May react or be incompatible with oxidizing materials. |
| | Herculase II Fusion DNA Polymerase | May react or be incompatible with oxidizing materials. |
| | 5X Herculase II Reaction Buffer | May react or be incompatible with oxidizing materials. |
| | SureSelect Binding Buffer | May react or be incompatible with oxidizing materials. |
| | SureSelect Wash Buffer 1 | May react or be incompatible with oxidizing materials. |
| | SureSelect Wash Buffer 2 | May react or be incompatible with oxidizing materials. |
| | SureSelect XT HS and XT Low Input Blocker Mix | May react or be incompatible with oxidizing materials. |
| | SureSelect Fast Hybridization Buffer | May react or be incompatible with oxidizing materials. |
| | SureSelect RNase Block | Materials. May react or be incompatible with oxidizing materials. |
| | | maienais |

| x IreSelect XT HS Index Primer I1-H02 Sel XT HS Cancer All-In-One ng, 16 Reactions Id Repair-A Tailing Enzyme Mix | materials. May react or be incompatible with oxidizing materials. May react or be incompatible with oxidizing materials. Under normal conditions of storage and use, |
|--|--|
| ng, 16 Reactions | materials. |
| d Repair-A Tailing Enzyme Mix | Inder normal conditions of storage and use |
| | hazardous decomposition products should not be produced. |
| ld Repair-A Tailing Buffer | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| DNA Ligase | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| gation Buffer | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| laptor Oligo Mix | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| rward Primer | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| 0 mM dNTP Mix (25 mM each ITP) | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| erculase II Fusion DNA lymerase | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| (Herculase II Reaction Buffer | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| reSelect Binding Buffer | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| reSelect Wash Buffer 1 | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| reSelect Wash Buffer 2 | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| reSelect XT HS and XT Low out Blocker Mix | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| reSelect Fast Hybridization | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| reSelect RNase Block | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| ireSelect Post- Capture Primer x | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| rreSelect XT HS Index Primer 11-H02 | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| Sel XT HS Cancer All-In-One ng, 16 Reactions | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| | ation Buffer aptor Oligo Mix rward Primer O mM dNTP Mix (25 mM each TP) rculase II Fusion DNA lymerase Herculase II Reaction Buffer reSelect Binding Buffer reSelect Wash Buffer 1 reSelect Wash Buffer 2 reSelect Wash Buffer 2 reSelect XT HS and XT Low out Blocker Mix reSelect Fast Hybridization ffer reSelect RNase Block reSelect Post- Capture Primer (reSelect XT HS Index Primer 1-H02 el XT HS Cancer All-In-One |

11.1 Information on toxicological effects

Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|---|--------------------------|------------|---------------------------|----------|
| End Repair-A Tailing Enzyme Mix Glycerol | LD50 Oral | Rat | 12600 mg/kg | - |
| End Repair-A Tailing Buffer Potassium chloride | LD50 Oral | Rat | 2600 mg/kg | - |
| T4 DNA Ligase Glycerol | LD50 Oral | Rat | 12600 mg/kg | - |
| Ligation Buffer Glycerol | LD50 Oral | Rat | 12600 mg/kg | - |
| Herculase II Fusion DNA Polymerase Glycerol | LD50 Oral | Rat | 12600 mg/kg | - |
| 5X Herculase II Reaction Buffer Trometamol Hexadecan-1-ol, ethoxylated | LD50 Dermal LD50 Oral | Rat Rat | >5000 mg/kg 2500 mg/kg | - |
| SureSelect Wash Buffer 1 Sodium dodecyl sulphate | LD50 Oral | Rat | 1288 mg/kg | - |
| SureSelect Wash Buffer 2 Sodium dodecyl sulphate | LD50 Oral | Rat | 1288 mg/kg | - |
| SureSelect RNase Block Glycerol | LD50 Oral | Rat | 12600 mg/kg | - |
| SSel XT HS Cancer All-In- One Lung, 16 Reactions Glycerol | LD50 Oral | Rat | 12600 mg/kg | - |

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|---|----------------------|---------|-------|--------------------|-------------|
| End Repair-A Tailing Enzyme Mix | | | | | |
| Glycerol | Eyes - Mild irritant | Rabbit | - | 24 hours 500 mg | - |
| | Skin - Mild irritant | Rabbit | - | 24 hours 500 mg | - |
| End Repair-A Tailing Buffer Potassium chloride | Eyes - Mild irritant | Rabbit | - | 24 hours 500 mg | - |
| T4 DNA Ligase Glycerol | Eyes - Mild irritant | Rabbit | _ | 24 hours 500 | _ |
| Giycerol | | Rabbit | - | mg | - |
| | Skin - Mild irritant | Rabbit | - | 24 hours 500 mg | - |
| | | | | | |

| Section 11. Toxico | iogical informati | on | | | |
|---|--------------------------|------------|---|--------------------|---|
| Ligation Buffer | | | | | |
| Glycerol | Eyes - Mild irritant | Rabbit | - | 24 hours 500 | - |
| | Skin - Mild irritant | Rabbit | - | mg 24 hours 500 | - |
| | | | | mg | |
| Herculase II Fusion DNA Polymerase | | | | | |
| Glycerol | Eyes - Mild irritant | Rabbit | - | 24 hours 500 mg | - |
| | Skin - Mild irritant | Rabbit | - | 24 hours 500 mg | - |
| 5X Herculase II Reaction Buffer | | | | | |
| Trometamol | Skin - Moderate irritant | Rabbit | - | 25 % | - |
| | Skin - Severe irritant | Rabbit | - | 500 mg | - |
| SureSelect Wash Buffer 1 Sodium dodecyl sulphate | Eyes - Mild irritant | Rabbit | _ | 250 ug | - |
| | Eyes - Moderate irritant | Rabbit | - | 10 mg | - |
| | Eyes - Moderate irritant | Rabbit | - | 24 hours 100 | - |
| | | T COD DI | | mg | |
| | Skin - Mild irritant | Guinea pig | - | 24 hours 25 mg | - |
| | Skin - Mild irritant | Rabbit | - | 24 hours 50 mg | - |
| | Skin - Moderate irritant | Mouse | - | 24 hours 25 | - |
| | Skin - Moderate irritant | Rabbit | - | 24 hours 25 mg | - |
| SureSelect Wash Buffer 2 | | | | | |
| Sodium dodecyl sulphate | Eyes - Mild irritant | Rabbit | - | 250 ug | - |
| | Eyes - Moderate irritant | Rabbit | - | 10 mg | - |
| | Eyes - Moderate irritant | Rabbit | - | 24 hours 100 mg | - |
| | Skin - Mild irritant | Guinea pig | - | 24 hours 25 mg | - |
| | Skin - Mild irritant | Rabbit | - | 24 hours 50 mg | - |
| | Skin - Moderate irritant | Mouse | - | 24 hours 25 mg | - |
| | Skin - Moderate irritant | Rabbit | - | 24 hours 25 mg | - |
| SureSelect RNase Block | | | | | |
| Glycerol | Eyes - Mild irritant | Rabbit | - | 24 hours 500 mg | - |
| | Skin - Mild irritant | Rabbit | - | 24 hours 500 | - |
| SSel XT HS Cancer All-In- One Lung, 16 Reactions | | | | 1119 | |
| Glycerol | Eyes - Mild irritant | Rabbit | - | 24 hours 500 mg | - |
| | Skin - Mild irritant | Rabbit | - | 24 hours 500 mg | - |

Sensitization

Not available.

| Mutagenicity | |
|-----------------------------|-------------------------------|
| Conclusion/Summary | : Not available. |
| Carcinogenicity | |
| Conclusion/Summary | : Not available. |
| Reproductive toxicity | |
| Conclusion/Summary | : Not available. |
| Teratogenicity | |
| Conclusion/Summary | : Not available. |
| Specific target organ toxic | <u>city (single exposure)</u> |

| Name | Category | Route of exposure | Target organs |
|---|------------|-------------------|------------------------------|
| 5X Herculase II Reaction Buffer Trometamol | Category 3 | - | Respiratory tract irritation |
| SureSelect Wash Buffer 1 Sodium dodecyl sulphate | Category 3 | - | Respiratory tract irritation |
| SureSelect Wash Buffer 2 Sodium dodecyl sulphate | Category 3 | - | Respiratory tract irritation |

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

| Information on the likely routes of exposure | : End Repair-A Tailing Enzyme Mix | Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes. |
|---|--|---|
| | End Repair-A Tailing Buffer | Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes. |
| | T4 DNA Ligase | Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes. |
| | Ligation Buffer | Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes. |
| | Adaptor Oligo Mix | Not available. |
| | Forward Primer | Not available. |
| | 100 mM dNTP Mix (25 mM each dNTP) | Not available. |
| | Herculase II Fusion DNA Polymerase | Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes. |
| | 5X Herculase II Reaction Buffer | Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes. |
| | SureSelect Binding Buffer | Not available. |
| | SureSelect Wash Buffer 1 | Not available. |
| | SureSelect Wash Buffer 2 | Not available. |
| | SureSelect XT HS and XT Low Input Blocker Mix | Not available. |
| | SureSelect Fast Hybridization Buffer | Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes. |
| | SureSelect RNase Block | Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes. |

| | SureSelect Post- Capture Primer Mix | Not available. |
|-------------------------------|--|---|
| | SureSelect XT HS Index Primer A01-H02 | Not available. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | Not available. |
| Potential acute health effect | t <u>s</u> | |
| Eye contact | : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase | Causes eye irritation. No known significant effects or critical hazards. Causes eye irritation. |
| | Ligation Buffer Adaptor Oligo Mix Forward Primer | Causes eye irritation. No known significant effects or critical hazards. No known significant effects or critical hazards. |
| | 100 mM dNTP Mix (25 mM each dNTP) | No known significant effects or critical hazards. |
| | Herculase II Fusion DNA Polymerase | Causes eye irritation. |
| | 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 | No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix | No known significant effects or critical hazards. No known significant effects or critical hazards. |
| | SureSelect Fast Hybridization Buffer | No known significant effects or critical hazards. |
| | SureSelect RNase Block SureSelect Post- Capture Primer Mix | Causes eye irritation. No known significant effects or critical hazards. |
| | SureSelect XT HS Index Primer A01-H02 | No known significant effects or critical hazards. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | No known significant effects or critical hazards. |
| Inhalation | : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer | No known significant effects or critical hazards. No known significant effects or critical hazards. |
| | T4 DNA Ligase | No known significant effects or critical hazards. |
| | Ligation Buffer | No known significant effects or critical hazards. |
| | Adaptor Oligo Mix | No known significant effects or critical hazards. |
| | Forward Primer | No known significant effects or critical hazards. |
| | 100 mM dNTP Mix (25 mM each dNTP) | No known significant effects or critical hazards. |
| | Herculase II Fusion DNA Polymerase | No known significant effects or critical hazards. |
| | 5X Herculase II Reaction Buffer | No known significant effects or critical hazards. |
| | SureSelect Binding Buffer | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 1 | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 2 SureSelect XT HS and XT Low | No known significant effects or critical hazards. No known significant effects or critical hazards. |
| | Input Blocker Mix | No known significant chools of ontiour huzards. |
| | SureSelect Fast Hybridization Buffer | No known significant effects or critical hazards. |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Post- Capture Primer Mix | No known significant effects or critical hazards. |
| | SureSelect XT HS Index Primer A01-H02 | No known significant effects or critical hazards. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | No known significant effects or critical hazards. |

| Skin contact : | End Repair-A Tailing Enzyme Mix | No known significant effects or critical hazards. |
|----------------|------------------------------------|--|
| | End Repair-A Tailing Buffer | No known significant effects or critical hazards. |
| | T4 DNA Ligase | No known significant effects or critical hazards. |
| | Ligation Buffer | No known significant effects or critical hazards. |
| | Adaptor Oligo Mix | No known significant effects or critical hazards. |
| | Forward Primer | No known significant effects or critical hazards. |
| | 100 mM dNTP Mix (25 mM each | No known significant effects or critical hazards. |
| | dNTP) | No known significant chects of childa hazards. |
| | Herculase II Fusion DNA | No known significant effects or critical hazards. |
| | Polymerase | No known significant enects of childa hazards. |
| | 5X Herculase II Reaction Buffer | No known significant effects or critical hazards. |
| | SureSelect Binding Buffer | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 1 | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 2 | No known significant effects or critical hazards. |
| | SureSelect XT HS and XT Low | No known significant effects or critical hazards. |
| | Input Blocker Mix | No known significant enects of childa hazards. |
| | SureSelect Fast Hybridization | No known significant effects or critical hazards. |
| | Buffer | No known significant enects of childa hazards. |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Post- Capture Primer | No known significant effects or critical hazards. |
| | Mix | No known significant effects of childar hazards. |
| | SureSelect XT HS Index Primer | No known significant effects or critical hazards. |
| | A01-H02 | No known significant effects of childa hazards. |
| | SSel XT HS Cancer All-In-One | No known significant effects or critical hazards. |
| | | No known significant effects of childar hazards. |
| In model on | Lung, 16 Reactions | |
| Ingestion : | End Repair-A Tailing Enzyme Mix | No known significant effects or critical hazards. |
| | End Repair-A Tailing Buffer | No known significant effects or critical hazards. |
| | T4 DNA Ligase | No known significant effects or critical hazards. |
| | Ligation Buffer | No known significant effects or critical hazards. |
| | Adaptor Oligo Mix | No known significant effects or critical hazards. |
| | Forward Primer | No known significant effects or critical hazards. |
| | 100 mM dNTP Mix (25 mM each | No known significant effects or critical hazards. |
| | dNTP) | |
| | Herculase II Fusion DNA | No known significant effects or critical hazards. |
| | Polymerase | |
| | 5X Herculase II Reaction Buffer | No known significant effects or critical hazards. |
| | SureSelect Binding Buffer | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 1 | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 2 | No known significant effects or critical hazards. |
| | SureSelect XT HS and XT Low | No known significant effects or critical hazards. |
| | Input Blocker Mix | |
| | SureSelect Fast Hybridization | No known significant effects or critical hazards. |
| | Buffer | |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Post- Capture Primer | No known significant effects or critical hazards. |
| | Mix | No longer significant offerstering without be made |
| | SureSelect XT HS Index Primer | No known significant effects or critical hazards. |
| | A01-H02 | No known cignificant offects or evitical becaude |
| | SSel XT HS Cancer All-In-One | No known significant effects or critical hazards. |
| | Lung, 16 Reactions | |
| | | |
| | cal, chemical and toxicological ch | |
| Eye contact : | End Repair-A Tailing Enzyme Mix | Adverse symptoms may include the following: |
| | | irritation |
| | | watering |
| | | redness |
| | End Repair-A Tailing Buffer | No specific data. |

T4 DNA Ligase

Adverse symptoms may include the following:

irritation

| | - | |
|--------------|---------------------------------|--|
| | | watering |
| | | redness |
| | Ligation Buffer | Adverse symptoms may include the following: |
| | g | irritation |
| | | |
| | | watering |
| | | redness |
| | Adaptor Oligo Mix | No specific data. |
| | Forward Primer | No specific data. |
| | 100 mM dNTP Mix (25 mM each | No specific data. |
| | dNTP) | |
| | Herculase II Fusion DNA | Adverse symptoms may include the following: |
| | Polymerase | ······································ |
| | 1 olymoradd | irritation |
| | | watering |
| | | - |
| | | redness |
| | 5X Herculase II Reaction Buffer | No specific data. |
| | SureSelect Binding Buffer | No specific data. |
| | SureSelect Wash Buffer 1 | No specific data. |
| | SureSelect Wash Buffer 2 | No specific data. |
| | SureSelect XT HS and XT Low | No specific data. |
| | Input Blocker Mix | |
| | SureSelect Fast Hybridization | No specific data. |
| | Buffer | |
| | | Advance eventence may include the following: |
| | SureSelect RNase Block | Adverse symptoms may include the following: |
| | | irritation |
| | | watering |
| | | redness |
| | SureSelect Post- Capture Primer | No specific data. |
| | Mix | |
| | SureSelect XT HS Index Primer | No specific data. |
| | A01-H02 | |
| | SSel XT HS Cancer All-In-One | No specific data. |
| | Lung, 16 Reactions | |
| Inhalation : | End Repair-A Tailing Enzyme Mix | No specific data. |
| | End Repair-A Tailing Buffer | No specific data. |
| | T4 DNA Ligase | No specific data. |
| | Ligation Buffer | No specific data. |
| | Adaptor Oligo Mix | No specific data. |
| | | • |
| | Forward Primer | No specific data. |
| | 100 mM dNTP Mix (25 mM each | No specific data. |
| | dNTP) | |
| | Herculase II Fusion DNA | No specific data. |
| | Polymerase | |
| | 5X Herculase II Reaction Buffer | No specific data. |
| | SureSelect Binding Buffer | No specific data. |
| | SureSelect Wash Buffer 1 | No specific data. |
| | SureSelect Wash Buffer 2 | No specific data. |
| | SureSelect XT HS and XT Low | No specific data. |
| | Input Blocker Mix | |
| | • | No specific data. |
| | SureSelect Fast Hybridization | No specific data. |
| | Buffer | Ne enecifie dete |
| | SureSelect RNase Block | No specific data. |
| | SureSelect Post- Capture Primer | No specific data. |
| | Mix | |
| | SureSelect XT HS Index Primer | No specific data. |
| | A01-H02 | |
| | SSel XT HS Cancer All-In-One | No specific data. |
| | Lung, 16 Reactions | |
| | - | |

| | <u> </u> | |
|--------------|--|-------------------|
| Skin contact | : End Repair-A Tailing Enzyme Mix | No specific data. |
| | End Repair-A Tailing Buffer | No specific data. |
| | T4 DNA Ligase | No specific data. |
| | Ligation Buffer | No specific data. |
| | Adaptor Oligo Mix | No specific data. |
| | Forward Primer | No specific data. |
| | 100 mM dNTP Mix (25 mM each dNTP) | No specific data. |
| | Herculase II Fusion DNA Polymerase | No specific data. |
| | 5X Herculase II Reaction Buffer | No specific data. |
| | SureSelect Binding Buffer | No specific data. |
| | SureSelect Wash Buffer 1 | No specific data. |
| | SureSelect Wash Buffer 2 | No specific data. |
| | SureSelect XT HS and XT Low | No specific data. |
| | Input Blocker Mix | |
| | SureSelect Fast Hybridization Buffer | No specific data. |
| | SureSelect RNase Block | No specific data. |
| | SureSelect Post- Capture Primer Mix | No specific data. |
| | SureSelect XT HS Index Primer A01-H02 | No specific data. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | No specific data. |
| Ingestion | : End Repair-A Tailing Enzyme Mix | No specific data. |
| | End Repair-A Tailing Buffer | No specific data. |
| | T4 DNA Ligase | No specific data. |
| | Ligation Buffer | No specific data. |
| | Adaptor Oligo Mix | No specific data. |
| | Forward Primer | No specific data. |
| | 100 mM dNTP Mix (25 mM each | No specific data. |
| | dNTP) | |
| | Herculase II Fusion DNA | No specific data. |
| | Polymerase | |
| | 5X Herculase II Reaction Buffer | No specific data. |
| | SureSelect Binding Buffer | No specific data. |
| | SureSelect Wash Buffer 1 | No specific data. |
| | SureSelect Wash Buffer 2 | No specific data. |
| | SureSelect XT HS and XT Low Input Blocker Mix | No specific data. |
| | • | No specific data |
| | SureSelect Fast Hybridization Buffer | No specific data. |
| | SureSelect RNase Block | No specific data. |
| | SureSelect Post- Capture Primer Mix | No specific data. |
| | SureSelect XT HS Index Primer A01-H02 | No specific data. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | No specific data. |
| | | |

| Delayed and immediate effect | ts and also 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 effect | <u>ets</u> | |
| General | : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each | No known significant effects or critical hazards. No known significant effects or critical hazards. |
| | dNTP) Herculase II Fusion DNA Polymerase | No known significant effects or critical hazards. |
| | 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low | No known significant effects or critical hazards. No known significant effects or critical hazards. |
| | Input Blocker Mix SureSelect Fast Hybridization Buffer | No known significant effects or critical hazards. |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Post- Capture Primer Mix | No known significant effects or critical hazards. |
| | SureSelect XT HS Index Primer A01-H02 | No known significant effects or critical hazards. |
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | No known significant effects or critical hazards. |
| Carcinogenicity | : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer A01-H02 SSel XT HS Cancer All-In-One | No known significant effects or critical hazards. No known significant effects or critical hazards. |
| | Lung, 16 Reactions | - |

| | - J | |
|-----------------------|-----------------------------------|---|
| Mutagenicity | : End Repair-A Tailing Enzyme Mix | No known significant effects or critical hazards. |
| | End Repair-A Tailing Buffer | No known significant effects or critical hazards. |
| | T4 DNA Ligase | No known significant effects or critical hazards. |
| | Ligation Buffer | No known significant effects or critical hazards. |
| | Adaptor Oligo Mix | No known significant effects or critical hazards. |
| | Forward Primer | No known significant effects or critical hazards. |
| | 100 mM dNTP Mix (25 mM each | No known significant effects or critical hazards. |
| | dNTP) | |
| | Herculase II Fusion DNA | No known significant effects or critical hazards. |
| | Polymerase | |
| | 5X Herculase II Reaction Buffer | No known significant effects or critical hazards. |
| | SureSelect Binding Buffer | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 1 | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 2 | No known significant effects or critical hazards. |
| | SureSelect XT HS and XT Low | No known significant effects or critical hazards. |
| | Input Blocker Mix | |
| | SureSelect Fast Hybridization | No known significant effects or critical hazards. |
| | Buffer | |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Post- Capture Primer | No known significant effects or critical hazards. |
| | Mix | |
| | SureSelect XT HS Index Primer | No known significant effects or critical hazards. |
| | A01-H02 | |
| | SSel XT HS Cancer All-In-One | No known significant effects or critical hazards. |
| | Lung, 16 Reactions | |
| Reproductive toxicity | : End Repair-A Tailing Enzyme Mix | No known significant effects or critical hazards. |
| | End Repair-A Tailing Buffer | No known significant effects or critical hazards. |
| | T4 DNA Ligase | No known significant effects or critical hazards. |
| | Ligation Buffer | No known significant effects or critical hazards. |
| | Adaptor Oligo Mix | No known significant effects or critical hazards. |
| | Forward Primer | No known significant effects or critical hazards. |
| | 100 mM dNTP Mix (25 mM each | No known significant effects or critical hazards. |
| | dNTP) | |
| | Herculase II Fusion DNA | No known significant effects or critical hazards. |
| | Polymerase | |
| | 5X Herculase II Reaction Buffer | No known significant effects or critical hazards. |
| | SureSelect Binding Buffer | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 1 | No known significant effects or critical hazards. |
| | SureSelect Wash Buffer 2 | No known significant effects or critical hazards. |
| | SureSelect XT HS and XT Low | No known significant effects or critical hazards. |
| | Input Blocker Mix | |
| | SureSelect Fast Hybridization | No known significant effects or critical hazards. |
| | Buffer | |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Post- Capture Primer | No known significant effects or critical hazards. |
| | Mix | |
| | SureSelect XT HS Index Primer | No known significant effects or critical hazards. |
| | A01-H02 | |
| | SSel XT HS Cancer All-In-One | No known significant effects or critical hazards. |
| | Lung, 16 Reactions | |
| | | |

Numerical measures of toxicity Acute toxicity estimates

| Product/ingredient name | Oral (mg/ kg) | Dermal (mg/kg) | Inhalation (gases) (ppm) | Inhalation (vapors) (mg/l) | Inhalation (dusts and mists) (mg/ I) |
|--|------------------|-------------------|--------------------------------|----------------------------------|---|
| End Repair-A Tailing Enzyme Mix Glycerol | 12600 | N/A | N/A | N/A | N/A |
| End Repair-A Tailing Buffer End Repair-A Tailing Buffer Potassium chloride | 159509.2 2600 | N/A N/A | N/A N/A | N/A N/A | N/A N/A |
| T4 DNA Ligase Glycerol | 12600 | N/A | N/A | N/A | N/A |
| Ligation 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 | 107739.0 2500 | N/A N/A | N/A N/A | N/A N/A | N/A N/A |
| SureSelect Binding Buffer SureSelect Binding Buffer | 51369.9 | N/A | N/A | N/A | N/A |
| SureSelect Wash Buffer 1 Sodium dodecyl sulphate | 1288 | N/A | N/A | N/A | 1.5 |
| SureSelect Wash Buffer 2 Sodium dodecyl sulphate | 1288 | N/A | N/A | N/A | 1.5 |
| SureSelect RNase Block Glycerol | 12600 | N/A | N/A | N/A | N/A |
| SSel XT HS Cancer All-In-One Lung, 16 Reactions Glycerol | 12600 | N/A | N/A | N/A | N/A |

Other information

: End Repair-A Tailing Buffer

SureSelect RNase Block

Adverse symptoms may include the following: May cause skin sensitization. Adverse symptoms may include the following: May cause skin sensitization.

Section 12. Ecological information

12.1 Toxicity

| Product/ingredient name | Result | Species | Exposure |
|-----------------------------|-------------------------------------|------------------------------------|----------|
| End Repair-A Tailing | | | |
| Enzyme Mix | | | |
| Glycerol | Acute LC50 54000 mg/l Fresh water | Fish - Oncorhynchus mykiss | 96 hours |
| End Repair-A Tailing Buffer | | | |
| Potassium chloride | Acute EC50 9.24 g/L Fresh water | Algae - Desmodesmus subspicatus | 72 hours |
| | Acute EC50 1337000 μg/l Fresh water | Algae - Navicula seminulum | 96 hours |
| Date of issue : 04/30/2 | 024 | | 68/7 |

| Section 12. Ecolog | gical information | | |
|---|---|--|---------------------------------|
| | Acute LC50 9.68 mg/l Fresh water | Crustaceans - <i>Pseudosida</i> <i>ramosa</i> - Neonate | 48 hours |
| | Acute LC50 93000 µg/l Fresh water Acute LC50 509.65 mg/l Fresh water | Daphnia - <i>Daphnia magna</i> Fish - <i>Danio rerio</i> | 48 hours 96 hours |
| T4 DNA Ligase Glycerol | Acute LC50 54000 mg/l Fresh water | Fish - Oncorhynchus mykiss | 96 hours |
| Ligation Buffer | | | |
| Glycerol | Acute LC50 54000 mg/l Fresh water | Fish - Oncorhynchus mykiss | 96 hours |
| Herculase II Fusion DNA Polymerase Glycerol | Acute LC50 54000 mg/l Fresh water | Fish - Oncorhynchus mykiss | 96 hours |
| 5X Herculase II Reaction Buffer | | | |
| Trometamol | Acute EC50 >980 mg/l Fresh water Acute NOEC 520 mg/l Fresh water | Daphnia Daphnia | 48 hours 48 hours |
| Hexadecan-1-ol, ethoxylated | Acute LC50 330000 to 1000000 µg/l Marine water | Crustaceans - <i>Crangon crangon</i> - Adult | 48 hours |
| SureSelect Wash Buffer 1 | | | |
| Sodium dodecyl sulphate | Acute EC50 1200 μg/l Marine water Acute LC50 900 μg/l Marine water | Algae - <i>Skeletonema costatum</i> Crustaceans - <i>Artemia salina</i> - Adult | 96 hours 48 hours |
| | Acute LC50 1400 μg/l Fresh water | Daphnia - <i>Daphnia pulex</i> - Neonate | 48 hours |
| | Acute LC50 590 μg/l Fresh water Chronic NOEC 1.25 mg/l Marine water Chronic NOEC 1 mg/l Fresh water | Fish - <i>Cirrhinus mrigala</i> - Larvae Algae - <i>Ulva fasciata</i> - Zoea Crustaceans - <i>Pseudosida</i> | 96 hours 96 hours 21 days |
| | Chronic NOEC 3.2 mg/l Fresh water | <i>ramosa -</i> Neonate Daphnia <i>- Daphnia magna -</i> Neonate | 21 days |
| | Chronic NOEC 0.8 mg/l Fresh water | Fish - Gambusia holbrooki | 28 days |
| SureSelect Wash Buffer 2 | | | |
| Sodium dodecyl sulphate | Acute EC50 1200 μg/l Marine water Acute LC50 900 μg/l Marine water | Algae - <i>Skeletonema costatum</i> Crustaceans - <i>Artemia salina</i> - Adult | 96 hours 48 hours |
| | Acute LC50 1400 μg/l Fresh water | Daphnia - <i>Daphnia pulex</i> - Neonate | 48 hours |
| | Acute LC50 590 µg/l Fresh water Chronic NOEC 1.25 mg/l Marine water Chronic NOEC 1 mg/l Fresh water | Fish - <i>Cirrhinus mrigala</i> - Larvae Algae - <i>Ulva fasciata</i> - Zoea Crustaceans - <i>Pseudosida</i> | 96 hours 96 hours 21 days |
| | Chronic NOEC 3.2 mg/l Fresh water | <i>ramosa</i> - Neonate Daphnia - <i>Daphnia magna</i> - | 21 days |
| | Chronic NOEC 0.8 mg/l Fresh water | Neonate Fish - <i>Gambusia holbrooki</i> | 28 days |
| SureSelect RNase Block Glycerol | Acute LC50 54000 mg/l Fresh water | Fish - Oncorhynchus mykiss | 96 hours |
| SSel XT HS Cancer All-In- One Lung, 16 Reactions | | | |
| Glycerol | Acute LC50 54000 mg/l Fresh water | Fish - Oncorhynchus mykiss | 96 hours |

12.2 Persistence and degradability

| Date of issue : | 04/30/2024 | 69/75 |
|-----------------|------------|-------|
|-----------------|------------|-------|

| Section 12. Ecolog | gical informa | ation | | |
|---|--|----------------------------|---------|----------|
| Product/ingredient name | Test | Result | Dose | Inoculum |
| End Repair-A Tailing Enzyme Mix Glycerol | 301D Ready Biodegradability - Closed Bottle Test | 93 % - 30 days | - | - |
| T4 DNA Ligase Glycerol | 301D Ready Biodegradability - Closed Bottle Test | 93 % - 30 days | - | - |
| Ligation Buffer Glycerol | 301D Ready Biodegradability - Closed Bottle Test | 93 % - 30 days | - | - |
| Herculase II Fusion DNA Polymerase Glycerol | 301D Ready Biodegradability - Closed Bottle Test | 93 % - 30 days | - | - |
| 5X Herculase II Reaction Buffer Trometamol | OECD 301F Ready Biodegradability - Manometric Respirometry Test | 97.1 % - Readily - 28 days | 30 mg/l | - |
| SureSelect Wash Buffer 1 Sodium dodecyl sulphate | OECD 301B Ready Biodegradability - CO ₂ Evolution Test | 95 % - Readily - 28 days | 20 mg/l | - |
| SureSelect Wash Buffer 2 Sodium dodecyl sulphate | OECD 301B Ready Biodegradability - CO ₂ Evolution Test | 95 % - Readily - 28 days | 20 mg/l | - |
| SureSelect RNase Block Glycerol | 301D Ready Biodegradability - Closed Bottle Test | 93 % - 30 days | - | - |
| SSel XT HS Cancer All-In- One Lung, 16 Reactions Glycerol | 301D Ready | 93 % - 30 days | - | - |
| Date of issue : 04/30/2 | 024 | | | 70/75 |

SureSelect XT HS Reagent Kit, index 1-16 + SSel Cancer All-In-One Lung Panel, 16rxn, Part Number G9704R

Section 12. Ecological information

| | Biodegradability - Closed Bottle Test | | |
|---|---|------------|------------------|
| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
| End Repair-A Tailing Buffer Potassium chloride | - | - | Readily |
| 5X Herculase II Reaction Buffer | | | |
| Trometamol | - | - | Readily |
| Hexadecan-1-ol, ethoxylated | - | - | Readily |
| SureSelect Wash Buffer 1 | | | |
| Sodium dodecyl sulphate | - | - | Readily |
| SureSelect Wash Buffer 2 | | | |
| Sodium dodecyl sulphate | - | - | Readily |

12.3 Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|---|--------|-----|-----------|
| End Repair-A Tailing | | | |
| Enzyme Mix | 4.70 | | |
| Glycerol | -1.76 | - | Low |
| End Repair-A Tailing Buffer | | | |
| Potassium chloride | -0.46 | - | Low |
| | | | |
| T4 DNA Ligase | | | |
| Glycerol | -1.76 | - | Low |
| Ligation Buffer | | | |
| Glycerol | -1.76 | - | Low |
| | | | |
| Herculase II Fusion DNA | | | |
| Polymerase | | | |
| Glycerol | -1.76 | - | Low |
| 5X Herculase II Reaction | | | |
| Buffer | | | |
| Trometamol | -2.31 | - | Low |
| Hexadecan-1-ol, ethoxylated | >6.06 | - | High |
| | | | |
| SureSelect Wash Buffer 1 Sodium dodecyl sulphate | -2.03 | | Low |
| | -2.03 | - | LOW |
| SureSelect Wash Buffer 2 | | | |
| Sodium dodecyl sulphate | -2.03 | - | Low |
| | | | |
| SureSelect RNase Block | 4.70 | | 1 |
| Glycerol | -1.76 | - | Low |
| SSel XT HS Cancer All-In- | | | |
| One Lung, 16 Reactions | | | |
| Glycerol | -1.76 | - | Low |

12.4 Mobility in soil

Soil/water partition coefficient (Koc)

- : Not available.
- **12.5 Other adverse effects** : No known significant effects or critical hazards.

Section 13. Disposal considerations

13.1 Waste treatment methods

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

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

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

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

Section 14. Transport information

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

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

Transport in bulk according : Not available. to IMO instruments

Section 15. Regulatory information

| 15.1 Safety, health and envir | onmental regulations/legislation specific for the substance or mixture | <u>)</u> |
|---|--|----------|
| U.S. Federal regulations | : TSCA 8(a) CDR Exempt/Partial exemption: Not determined | |
| | Clean Water Act (CWA) 311: Edetic acid | |
| Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) | : Not listed | |
| Clean Air Act Section 602 Class I Substances | : Not listed | |

Section 15. Regulatory information

| 5 | 5 |
|--|---|
| Clean Air Act Section 602 Class II Substances | : Not listed |
| DEA List I Chemicals (Precursor Chemicals) | : Not listed |
| DEA List II Chemicals (Essential Chemicals) | : Not listed |
| <u>SARA 302/304</u> | |
| Composition/information | on ingredients |
| No products were found. | |
| SARA 304 RQ | : Not applicable. |
| <u>SARA 311/312</u> | |
| Classification | End Repair-A Tailing Enzyme Mix End Repair-A Tailing BufferEYE IRRITATION - Category 2B Not applicable.T4 DNA LigaseEYE IRRITATION - Category 2B Ligation BufferT4 DNA LigaseEYE IRRITATION - Category 2B Ligation BufferAdaptor Oligo MixNot applicable.Forward PrimerNot applicable.100 mM dNTP Mix (25 mM each dNTP)Not applicable.Herculase II Reaction DNA Polymerase 5X Herculase II Reaction BufferNot applicable.SureSelect Binding Buffer 1Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect Wash Buffer 2Not applicable.SureSelect Fast Hybridization BufferNot applicable.SureSelect RNase BlockEYE IRRITATION - Category 2BSureSelect RNase BlockEYE IRRITATION - Category 2BSureSelect XT HS Index Primer A01-H02Not applicable.Sel XT HS Cancer All-In-One Lung, 16Not applicable.ReactionsNot applicable.Not applicable.Not applicable.SureSelect XT HS Index Primer A01-H02Not applicable.Sel XT HS Cancer All-In-One Lung, 16Not applicable.Not applicable.Not applicable.Not applicable.Not applicable.Not applicable.Not applicable.SureSelect To st - Capture Primer MixNot applicable. |

Composition/information on ingredients

| | Classification |
|-----------|---|
| | |
| | |
| ≥50 - ≤75 | EYE IRRITATION - Category 2B |
| | |
| ≤3 | EYE IRRITATION - Category 2B |
| | |
| ≥50 - ≤75 | EYE IRRITATION - Category 2B |
| | |
| ≥10 - ≤25 | EYE IRRITATION - Category 2B |
| | |
| | |
| >50 <75 | EYE IRRITATION - Category 2B |
| 200-275 | |
| | |
| | |
| ≤3 | COMBUSTIBLE DUSTS |
| | SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A |
| | SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tra |
| | irritation) - Category 3 |
| | |
| ≥50 - ≤75 | EYE IRRITATION - Category 2B |
| | ≥50 - ≤75 ≤3 ≥50 - ≤75 ≥10 - ≤25 ≥50 - ≤75 ≤3 |

Section 15. Regulatory information

| J | Section 15. Regulatory information | | |
|---|--|----|------------------------------|
| | SSel XT HS Cancer All-In-One Lung, 16 Reactions Glycerol | ≤3 | EYE IRRITATION - Category 2B |
| _ | | | |

SARA 313

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

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

State regulations

| Massachusetts | : The following components are listed: GLYCERINE MIST |
|----------------------------|---|
| New York | : None of the components are listed. |
| New Jersey | : The following components are listed: GLYCERIN |
| Pennsylvania | : The following components are listed: 1,2,3-PROPANETRIOL |
| <u>California Prop. 65</u> | |

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

International regulations

| Chemical Weapon Convention List Schedules I, II & III Chemicals | |
|---|--|
| Not listed. | |

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC) Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

| Australia | : Not determined. |
|-------------------|--|
| Canada | : Not determined. |
| China | : Not determined. |
| Japan | : Japan inventory (CSCL): Not determined. Japan inventory (ISHL): Not determined. |
| New Zealand | : Not determined. |
| Philippines | : Not determined. |
| Republic of Korea | : Not determined. |
| Taiwan | : Not determined. |
| Thailand | : Not determined. |
| Turkey | : Not determined. |
| United States | : Not determined. |
| Viet Nam | : Not determined. |

Section 16. Other information

Procedure used to derive the classification

| Classification | Justification |
|------------------------------------|--------------------|
| End Repair-A Tailing Enzyme Mix | |
| EYE IRRITATION - Category 2B | Calculation method |
| T4 DNA Ligase | |
| EYE IRRITATION - Category 2B | Calculation method |
| Ligation Buffer | |
| EYE IRRITATION - Category 2B | Calculation method |
| Herculase II Fusion DNA Polymerase | |
| EYE IRRITATION - Category 2B | Calculation method |
| SureSelect RNase Block | |
| EYE IRRITATION - Category 2B | Calculation method |
| History | |

| <u>HISTOLY</u> | |
|--------------------------------|---|
| Date of issue/Date of revision | : 04/30/2024 |
| Date of previous issue | : 05/20/2021 |
| Version | : 4 |
| Key to abbreviations | : ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = International Air Transport Association IBC = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available UN = United Nations |

✓ Indicates information that has changed from previously issued version.

Notice to reader

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

Note *

*SureSelect XT HS Index Primer A01-H02: 5190-6419, 5190-6420, 5190-6421, 5190-6422, 5190-6423, 5190-6424, 5190-6425, 5190-6426, 5190-6427, 5190-6428, 5190-6429, 5190-6430, 5190-6431, 5190-6432, 5190-6433, 5190-6434