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

| Product identifier | : SureSelect XT HS Reagent Kit, index 1-16 + SSel Cancer All-In-One Lung Panel, 16rxn, Part Number G9704R |
|--------------------------------|---|
| Part no. (chemical kit) | : G9704R |
| Part no. | : SureSelect XT HS Library Preparation Kit for 5500-0138 |
| | 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 |
| | <u>SureSelect XT HS Library Preparation Kit for</u> <u>5500-0138 / 5190-9684</u> ILM (Pre PCR), 16 Reactions / SureSelect XT |
| | HS Target Enrichment Kit, ILM Hyb Module, |
| | Box 2 (Post PCR), 16 Reactions |
| | 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, ILM 5190-9685 |
| | <u>Hyb Module, Box 1 (Post PCR), 16 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, ILM</u> <u>5190-9684</u> Hyb Module, Box 2 (Post PCR), 16 Reactions |
| | SureSelect XT HS Blocker Mix 5190-9683 |
| | SureSelect Fast Hybridization Buffer 5190-7327 |
| | SureSelect RNase Block 5190-4383 |
| | SureSelect Post- Capture Primer Mix 5190-9730 |
| | SureSelect XT HS Index Primers 1-16 for ILM 5500-0141 (Pre PCR), 16 Reactions |
| | SureSelect XT HS Index Primer A01-H02 Various* |
| | SSel XT HS Cancer All-In-One Lung, 16 5191-4096 |
| | Reactions |
| | SSel XT HS Cancer All-In-One Lung, 16 5191-4096 Reactions |
| Relevant identified uses of | the substance or mixture and uses advised against |
| Identified uses | : Analytical 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) |
| | 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 0.08 ml (16 reactions) |
| Date of issue/Date of revision | : 04/30/2024 Date of previous issue : 05/20/2021 Version : 4 1/ |
| | |

Section 1. Identification

| | MixSureSelect Fast Hybridization Buffer0.45 mlSureSelect RNase Block0.016 mlSureSelect Post- Capture Primer Mix0.016 ml (16 reactions)SureSelect XT HS Index Primer A01-H0216 x 0.01 ml (16 reactions)SSel XT HS Cancer All-In-One Lung, 160.032 ml (16 reactions)Reactions0.032 ml (16 reactions) |
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| Uses advised against | : Not for use in diagnostic procedures. |
| Supplier/Manufacturer | : Agilent Technologies, Inc. 5301 Stevens Creek Blvd Santa Clara, CA 95051, USA 800-227-9770 |
| Emergency telephone number (with hours of operation) | : CHEMTREC®: 1-800-424-9300 |
| 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 |

Section 2. Hazard identification

| Classification of the substand | <u>e or mixture</u> | |
|---|--|---|
| End Repair-A Tailing Enzyme Mix H320 | EYE IRRITATION - Category 2E | 3 |
| T4 DNA Ligase H320 | EYE IRRITATION - Category 2E | 3 |
| Ligation Buffer H320 | EYE IRRITATION - Category 2E | 3 |
| Herculase II Fusion DNA Polymerase H320 | EYE IRRITATION - Category 2E | 3 |
| SureSelect RNase Block H320 | EYE IRRITATION - Category 2E | 3 |
| GHS label elements | | |
| Signal word | : 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 | Warning No signal word. Warning No signal word. No signal word. No signal word. Warning No signal word. No signal word. No signal word. No signal word. |

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| SureSelect Wash Buffer 2 No signal word. SureSelect Fast No signal word. Hybridization Buffer SureSelect Ratse Block SureSelect Ratse Block Warning SureSelect Ratse Block Warning Primer AD1-H02 SSet XT HS Cancer All-In- One Lung, 16 Reactions No signal word. Hazard statements End Repair-A Tailing Buffer T4 DNA Ligase No signal word. Ligation Buffer SureSelect XT HS Cancer All-In- One Lung, 16 Reactions No signal word. Hazard statements End Repair-A Tailing Buffer T4 DNA Ligase No known significant effects or critical hazards. Ind MATP Mix (25 mM No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. SureSelect Binding Buffer SureSelect Mash Buffer 2 No known significant effects or critical hazards. NursSelect AT H5 and XL No known significant effects or critical hazards. SureSelect Ratse Buffer 2 No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. NureSelect Tat H3 | Section 2. Hazaru | 10 | ientification | |
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| | Hybridization Buffer SureSelect RNase Block | Not applicable. |
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| | SureSelect Post- Capture Primer Mix | Not applicable. |
| | SureSelect XT HS Index Primer A01-H02 | Not applicable. |
| | SSel XT HS Cancer All-In- One Lung, 16 Reactions | Not applicable. |
| Response : | 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 T4 DNA Ligase | Not applicable. 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 |
| | Ligation Buffer | advice or attention. 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. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) | Not applicable. Not applicable. Not applicable. |
| | Herculase II Fusion DNA Polymerase | 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. |
| | 5X Herculase II Reaction Buffer | Not applicable. |
| | SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix | Not applicable. Not applicable. Not applicable. Not applicable. |
| | SureSelect Fast Hybridization Buffer | Not applicable. |
| | 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. |
| | SureSelect Post- Capture Primer Mix | Not applicable. |
| | SureSelect XT HS Index Primer A01-H02 | Not applicable. |
| | SSel XT HS Cancer All-In- One Lung, 16 Reactions | Not applicable. |

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

| | : End Repair-A Tailing | None known. |
|---|---|--|
| elements | Enzyme Mix 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 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. |
| | 100 mM dNTP Mix (25 mM each dNTP) | Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 5.3% |
| | SureSelect Fast Hybridization Buffer | Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 31.3% |
| Other hazards which do not result in classification | : End Repair-A Tailing Enzyme Mix | None known. |
| | 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 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. |

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 | Synonyms | % (w/w) | CAS number |
|---|--------------------------------------|-----------|------------------|
| End Repair-A Tailing Enzyme Mix | | | |
| Glycerol | Glycerol | ≥30 - ≤60 | 56-81-5 |
| End Repair-A Tailing Buffer | | | |
| Potassium chloride | Potassium Chloride | ≥1 - ≤5 | 7447-40-7 |
| T4 DNA Ligase | | | |
| Glycerol | Glycerol | ≥30 - ≤60 | 56-81-5 |
| Ligation Buffer | | | |
| Glycerol | Glycerol | ≥10 - ≤30 | 56-81-5 |
| Herculase II Fusion DNA Polymerase | | | |
| Glycerol | Glycerol | ≥30 - ≤60 | 56-81-5 |
| 5X Herculase II Reaction Buffer | | | |
| Trometamol | Tris | ≥1 - ≤5 | 77-86-1 |
| Hexadecan-1-ol, ethoxylated | Hexadecan-1-ol, ethoxylated | ≥1 - ≤5 | 9004-95-9 |
| Date of issue/Date of revision : 04 | /30/2024 Date of previous issue : 03 | 5/20/2021 | Version : 4 7/72 |

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

Section 3. Composition/information on ingredients

| Section 5. Composition/mormation on ingredients | | | |
|--|-------------------------|-----------|----------|
| SureSelect Wash Buffer 1 | | | |
| Sodium dodecyl sulphate | Sodium dodecyl sulphate | ≥0.1 - ≤1 | 151-21-3 |
| SureSelect Wash Buffer 2 | | | |
| Sodium dodecyl sulphate | Sodium dodecyl sulphate | ≥0.1 - ≤1 | 151-21-3 |
| SureSelect RNase Block | | | |
| Glycerol | Glycerol | ≥30 - ≤60 | 56-81-5 |
| SSel XT HS Cancer All-In-One Lung, 16 Reactions | | | |
| Glycerol | Glycerol | ≥1 - ≤5 | 56-81-5 |

Ranges if listed above for hazardous ingredient(s) are prescribed ranges. The actual concentration(s) or actual concentration range(s) are being withheld as a trade secret.

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.

Section 4. First-aid measures

| Description of necessa | | |
|------------------------|--------------------------------------|---|
| 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. |
| | 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 dNTP) | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. |

| | Herculase II Fusion DNA Polymerase | Check for and remove any contact lenses. Get medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. |
|---|---|--|
| | Toymerase | 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 medical attention if irritation occurs. |
| | SureSelect XT HS and XT Low Input Blocker 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. |
| | SureSelect Fast Hybridization 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 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 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. |
| | SureSelect XT HS Index Primer A01-H02 | 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. |
| | SSel XT HS Cancer All-In- One Lung, 16 Reactions | 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. |
| : | 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 |

Inhalation

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| | 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 |
|---------------------------------------|--|
| T4 DNA Ligase | under medical surveillance for 48 hours. 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 |
| Ligation Buffer | 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 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 |
| SureSelect Binding Buffer | under medical surveillance for 48 hours. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical 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. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| | SureSelect XT HS and XT Low Input Blocker Mix | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| | SureSelect Fast Hybridization Buffer | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| | SureSelect 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 Mix | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| | SureSelect XT HS Index Primer A01-H02 | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| | SSel XT HS Cancer All-In- One Lung, 16 Reactions | Remove victim to fresh air and keep at rest in a 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 |
| | Ligation Buffer | before reuse. Clean shoes thoroughly before reuse. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing |
| | Adaptor Oligo Mix | before reuse. Clean shoes thoroughly 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 |
| Date of issue/Date of revision | : 04/30/2024 Date of previous is | - |

| | | medical attention if symptoms occur. Wash clothing |
|-----------|-----------------------------|---|
| | 5X Herculase II Reaction | before reuse. Clean shoes thoroughly before reuse. Flush contaminated skin with plenty of water. |
| | Buffer | Remove contaminated clothing and shoes. Get |
| | Ballel | medical attention if symptoms occur. |
| | SureSelect Binding Buffer | Flush contaminated skin with plenty of water. |
| | Carocoloct Binaing Banor | 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 | Flush contaminated skin with plenty of water. |
| | Low Input Blocker Mix | Remove contaminated clothing and shoes. Get |
| | | medical attention if symptoms occur. |
| | SureSelect Fast | Flush contaminated skin with plenty of water. |
| | Hybridization Buffer | 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 | Flush contaminated skin with plenty of water. |
| | Primer Mix | Remove contaminated clothing and shoes. Get |
| | | medical attention if symptoms occur. |
| | SureSelect XT HS Index | Flush contaminated skin with plenty of water. |
| | Primer A01-H02 | Remove contaminated clothing and shoes. Get |
| | | medical attention if symptoms occur. |
| | SSel XT HS Cancer All-In- | Flush contaminated skin with plenty of water. |
| | One Lung, 16 Reactions | Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| | | |
| Ingestion | : End Repair-A Tailing | Wash out mouth with water. Remove dentures if any. |
| | Enzyme Mix | 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. |
| | End Repair-A Tailing 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. |
| | 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 |

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| | 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. |
| Ligation Buffer | Wash out mouth with water. Remove dentures if any. |
| Ligation buile | |
| | 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 |
| E 18: | personnel. Get medical attention if symptoms occur. |
| Forward Primer | Wash out mouth with water. If material has been |
| | swallowed and the exposed person is conscious, give |
| | small quantities of water to drink. Do not induce |
| | vomiting unless directed to do so by medical |
| | personnel. Get medical attention if symptoms occur. |
| 100 mM dNTP Mix (25 mM | Wash out mouth with water. If material has been |
| each dNTP) | 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 | Wash out mouth with water. Remove dentures if any. |
| Polymerase | 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 | Wash out mouth with water. If material has been |
| Buffer | 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 |
| 5 | 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 |
| | wash out mouth with water. In matchal has been |
| | |

| | SureSelect Wash Buffer 2 | 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. 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 | personnel. Get medical attention if symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| | SureSelect 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 any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |
| | SureSelect 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 medical personnel. Get medical attention if symptoms occur. |
| | SureSelect XT HS Index Primer A01-H02 | 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. |
| | SSel XT HS Cancer All-In- One Lung, 16 Reactions | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| Most important symptoms/effe | | |
| | End Repair-A Tailing | Causes eye irritation. |
| Lyo contact | Enzyme Mix | |
| | End Repair-A Tailing Buffer T4 DNA Ligase | No known significant effects or critical hazards. Causes eye irritation. |
| | Ligation Buffer | Causes eye irritation. |
| | Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM | No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. |
| | | |

| | modearoo | | |
|--------------------------------|--|--|-------|
| | each dNTP) Herculase II Fusion DNA | Causes eye irritation. | |
| | 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 Input Blocker Mix | No known significant effects or critical hazards. | |
| | SureSelect Fast Hybridization Buffer | No known significant effects or critical hazards. | |
| | SureSelect RNase Block | Causes eye irritation. | |
| | 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. | |
| 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 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 | 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 Buffer | No known significant effects or critical hazards. | |
| | SureSelect RNase Block SureSelect Post- Capture | No known significant effects or critical hazards. No known significant effects or critical hazards. | |
| | Primer 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 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. | |
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|--------------------------------|---|--|
| | 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 | No known significant effects or critical hazards. |
| | Low Input Blocker Mix | |
| | SureSelect Fast | No known significant effects or critical hazards. |
| | Hybridization Buffer | |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Post- Capture | No known significant effects or critical hazards. |
| | Primer Mix | No luo sum significant offerste en exitiant la secola |
| | SureSelect XT HS Index | No known significant effects or critical hazards. |
| | Primer A01-H02 SSel XT HS Cancer All-In- | No known significant offects or critical bazarda |
| | One Lung, 16 Reactions | No known significant effects or critical hazards. |
| | • | |
| Ingestion : | End Repair-A Tailing | No known significant effects or critical hazards. |
| | Enzyme Mix | |
| | End Repair-A Tailing Buffer | No known significant effects or critical hazards. |
| | T4 DNA Ligase | No known significant effects or critical hazards. |
| | Ligation Buffer Adaptor Oligo Mix | No known significant effects or critical hazards. No known significant effects or critical hazards. |
| | Forward Primer | No known significant effects or critical hazards. |
| | 100 mM dNTP Mix (25 mM | No known significant effects or critical hazards. |
| | each dNTP) | No known significant chects of childar hazards. |
| | Herculase II Fusion DNA | No known significant effects or critical hazards. |
| | Polymerase | |
| | 5X Herculase II Reaction | No known significant effects or critical hazards. |
| | Buffer | 5 |
| | 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 | No known significant effects or critical hazards. |
| | Low Input Blocker Mix | |
| | SureSelect Fast | No known significant effects or critical hazards. |
| | Hybridization Buffer | |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Post- Capture | No known significant effects or critical hazards. |
| | Primer Mix | |
| | SureSelect XT HS Index | No known significant effects or critical hazards. |
| | Primer A01-H02 SSel XT HS Cancer All-In- | No known significant effects or critical hazards. |
| | One Lung, 16 Reactions | No known significant effects of childar hazards. |
| | • | |
| Over-exposure signs/symptor | | |
| Eye contact : | End Repair-A Tailing | Adverse symptoms may include the following: |
| | Enzyme Mix | |
| | | irritation |
| | | watering |
| | End Popoir A Tailing Puffor | 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 Daniel | irritation |
| | | watering |
| | | redness |
| | Adaptor Oligo Mix | No specific data. |
| | Forward Primer | No specific data. |
| | 100 mM dNTP Mix (25 mM | No specific data. |
| | each dNTP) | |
| | Herculase II Fusion DNA | Adverse symptoms may include the following: |
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| | medealoe | |
|--------------------------------|---------------------------------------|---|
| | Polymerase | |
| | | 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 | No specific data. |
| | Low Input Blocker Mix | • |
| | SureSelect Fast | No specific data. |
| | Hybridization Buffer | • |
| | SureSelect RNase Block | Adverse symptoms may include the following: |
| | | irritation |
| | | watering |
| | | redness |
| | SureSelect Post- Capture | No specific data. |
| | Primer Mix | · |
| | SureSelect XT HS Index | No specific data. |
| | Primer A01-H02 | |
| | SSel XT HS Cancer All-In- | No specific data. |
| | One Lung, 16 Reactions | |
| Inhalation | End Repair-A Tailing | No specific data. |
| | Enzyme Mix | 1 |
| | 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 | No specific data. |
| | each dNTP) | • |
| | Herculase II Fusion DNA | No specific data. |
| | Polymerase | |
| | 5X Herculase II Reaction | No specific data. |
| | Buffer | |
| | 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 | No specific data. |
| | Low Input Blocker Mix | |
| | SureSelect Fast | No specific data. |
| | Hybridization Buffer | |
| | SureSelect RNase Block | No specific data. |
| | SureSelect Post- Capture | No specific data. |
| | Primer Mix | NL |
| | SureSelect XT HS Index | No specific data. |
| | Primer A01-H02 | |
| | SSel XT HS Cancer All-In- | No specific data. |
| | One Lung, 16 Reactions | |
| Skin contact | End Repair-A Tailing | No specific data. |
| | Enzyme Mix | NL |
| | 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 | No specific data. |
| | each dNTP) Herculase II Fusion DNA | No specific data. |
| | | |
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| | Polymerase 5X Herculase II Reaction | No specific data. |
|-----------|---|--|
| | 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 | No specific data. |
| | Low Input Blocker Mix | |
| | SureSelect Fast | No specific data. |
| | Hybridization 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- | No specific data. |
| | One Lung, 16 Reactions | |
| 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. |
| | 5X Herculase II Reaction | No specific data. |
| | Buffer | Nia ana aifi a shafa |
| | SureSelect Binding Buffer SureSelect Wash Buffer 1 | No specific data. |
| | SureSelect Wash Buffer 2 | No specific data. No specific data. |
| | SureSelect XT HS and XT | No specific data. |
| | Low Input Blocker Mix | No specific data. |
| | SureSelect Fast | No specific data. |
| | Hybridization Buffer | no opeenie 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. |
| | | |

Indication of immediate medical attention and special treatment 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 ingested or inhaled. |

| | Adaptor Oligo Mix | 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 |
| | 100 mM dNTP Mix (25 mM | ingested or inhaled. In case of inhalation of decomposition products in a |
| | each dNTP) | 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 | In case of inhalation of decomposition products in a |
| | Buffer | fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| | SureSelect Binding Buffer | 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 | In case of inhalation of decomposition products in a |
| | Hybridization Buffer | fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| | SureSelect RNase Block | Treat symptomatically. Contact poison treatment 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 | No specific treatment. |
| | End Repair-A Tailing Buffer | No specific treatment. |
| | T4 DNA Ligase | No specific treatment. |
| | Ligation Buffer | No specific treatment. |
| | Adaptor Oligo Mix | No specific treatment. |
| | Forward Primer | 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 SureSelect Wash Buffer 1 | No specific treatment. No specific treatment. |
| | | |

| Section 4. First-alu | illeasules | |
|------------------------------|---|--|
| | SureSelect Wash Buffer 2 | No specific treatment. |
| | SureSelect XT HS and XT Low Input Blocker Mix | No specific treatment. |
| | SureSelect Fast Hybridization Buffer | No specific treatment. |
| | SureSelect RNase Block | No specific treatment. |
| | SureSelect Post- Capture Primer Mix | 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 |
| | End Repair-A Tailing Buffer | resuscitation. No action shall be taken involving any personal risk or without quitable training |
| | T4 DNA Ligase | or without suitable training. 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 |
| | Ligation Buffer | resuscitation. No action shall be taken involving any personal risk or without suitable training. It may be dangerous to |
| | Adaptor Oligo Mix | the person providing aid to give mouth-to-mouth resuscitation. No action shall be taken involving any personal risk |
| | Forward Primer | or without suitable training. No action shall be taken involving any personal risk |
| | 100 mM dNTP Mix (25 mM | or without suitable training. No action shall be taken involving any personal risk |
| | each dNTP) Herculase II Fusion DNA | or without suitable training. 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 | No action shall be taken involving any personal risk |
| | Buffer | or without suitable training. |
| | SureSelect Binding Buffer | No action shall be taken involving any personal risk 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 | No action shall be taken involving any personal risk |
| | Low Input Blocker Mix | or without suitable training. |
| | SureSelect Fast | No action shall be taken involving any personal risk |
| | Hybridization Buffer | or without suitable training. |
| | SureSelect RNase Block | No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. |
| | SureSelect Post- Capture | No action shall be taken involving any personal risk |
| | Primer Mix | or without suitable training. |
| | SureSelect XT HS Index Primer A01-H02 | No action shall be taken involving any personal risk or without suitable training. |
| | SSel XT HS Cancer All-In- | No action shall be taken involving any personal risk |
| | One Lung, 16 Reactions | or without suitable training. |
| | | |

See toxicological information (Section 11)

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|---|--------------------------------|--------------|------------------------|--------------|---------|----|-------|
|---|--------------------------------|--------------|------------------------|--------------|---------|----|-------|

| <u>Extinguishing media</u> | | | |
|------------------------------|---|---|---|
| Suitable extinguishing media | : | End Repair-A Tailing Enzyme Mix | Use an extinguishing agent suitable for the surrounding fire. |
| | | End Repair-A Tailing Buffer | Use an extinguishing agent suitable for the surrounding fire. |
| | | T4 DNA Ligase | Use an extinguishing agent suitable for the surrounding fire. |
| | | Ligation Buffer | Use an extinguishing agent suitable for the surrounding fire. |
| | | Adaptor Oligo Mix | Use an extinguishing agent suitable for the surrounding fire. |
| | | Forward Primer | Use an extinguishing agent suitable for the surrounding fire. |
| | | 100 mM dNTP Mix (25 mM each dNTP) | Use an extinguishing agent suitable for the surrounding fire. |
| | | Herculase II Fusion DNA Polymerase | Use an extinguishing agent suitable for the surrounding fire. |
| | | 5X Herculase II Reaction Buffer | Use an extinguishing agent suitable for the surrounding fire. |
| | | SureSelect Binding Buffer | Use an extinguishing agent suitable for the surrounding fire. |
| | | SureSelect Wash Buffer 1 | Use an extinguishing agent suitable for the surrounding fire. |
| | | SureSelect Wash Buffer 2 | Use an extinguishing agent suitable for the surrounding fire. |
| | | SureSelect XT HS and XT Low Input Blocker Mix | Use an extinguishing agent suitable for the surrounding fire. |
| | | SureSelect Fast Hybridization Buffer | Use an extinguishing agent suitable for the surrounding fire. |
| | | SureSelect RNase Block | 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 |
| | | SSel XT HS Cancer All-In- One Lung, 16 Reactions | surrounding fire. Use an extinguishing agent suitable for the surrounding fire. |
| Unsuitable extinguishing | : | End Repair-A Tailing Enzyme Mix | None known. |
| media | | 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 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 | None known. |

| Section 5. File-ing | Intiling measures | |
|--|--|--|
| | Primer Mix SureSelect XT HS Index Primer A01-H02 | None known. |
| | SSel XT HS Cancer All-In- One Lung, 16 Reactions | None known. |
| Specific hazards arising from the chemical | : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer | In 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. |
| | 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 Polymerase | In a fire or if heated, a pressure increase will occur and the container may burst. |
| | 5X Herculase II Reaction Buffer | In a fire or if heated, a pressure increase will occur and the container may burst. |
| | SureSelect 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 and the container may burst. |
| | SureSelect XT HS and XT Low Input Blocker Mix | In a fire or if heated, a pressure increase will occur and the container may burst. |
| | SureSelect Fast Hybridization Buffer | In a fire or if heated, a pressure increase will occur and the container may burst. |
| | SureSelect RNase Block | In a fire or if heated, a pressure increase will occur and the container may burst. |
| | SureSelect Post- Capture Primer Mix SureSelect XT HS Index Primer A01-H02 | In 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. |
| | 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 | Decomposition products may include the following materials: carbon dioxide carbon monoxide |
| | End Repair-A Tailing Buffer | Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides |
| | T4 DNA Ligase | halogenated compounds metal oxide/oxides Decomposition products may include the following materials: carbon dioxide |
| | Ligation Buffer | carbon monoxide Decomposition products may include the following materials: |
| | | 05/00/0001 Version 1 00/7 |

| | | carbon dioxide |
|----------------------------|--------------------------------|--|
| | | carbon monoxide |
| | Adaptor Oligo Mix | No specific data. |
| | Forward Primer | No specific data. |
| | | Decomposition products may include the following |
| | 100 mM dNTP Mix (25 mM | |
| | each dNTP) | materials: |
| | | carbon dioxide |
| | | carbon monoxide |
| | | nitrogen oxides |
| | | phosphorus oxides |
| | Herculase II Fusion DNA | Decomposition products may include the following |
| | | |
| | Polymerase | materials: |
| | | carbon dioxide |
| | | carbon monoxide |
| | 5X Herculase II Reaction | Decomposition products may include the following |
| | Buffer | materials: |
| | | carbon dioxide |
| | | carbon monoxide |
| | | nitrogen oxides |
| | | |
| | | sulfur oxides |
| | | metal oxide/oxides |
| | SureSelect Binding Buffer | Decomposition products may include the following materials: |
| | | halogenated compounds metal oxide/oxides |
| | SureSelect Wash Buffer 1 | No specific data. |
| | SureSelect Wash Buffer 2 | No specific data. |
| | SureSelect XT HS and XT | No specific data. |
| | | No specific data. |
| | Low Input Blocker Mix | |
| | SureSelect Fast | Decomposition products may include the following |
| | Hybridization Buffer | materials: |
| | | carbon dioxide |
| | | carbon monoxide |
| | | nitrogen oxides |
| | | halogenated compounds |
| | | metal oxide/oxides |
| | Sume Cale at DNaga Dlask | |
| | SureSelect RNase Block | Decomposition products may include the following |
| | | materials: |
| | | carbon dioxide |
| | | carbon monoxide |
| | SureSelect Post- Capture | No specific data. |
| | Primer Mix | |
| | SureSelect XT HS Index | No oposifio data |
| | | No specific data. |
| | Primer A01-H02 | |
| | SSel XT HS Cancer All-In- | Decomposition products may include the following |
| | One Lung, 16 Reactions | materials: |
| | | carbon dioxide |
| | | carbon monoxide |
| | | |
| | | |
| Special protective actions | : End Repair-A Tailing | Promptly isolate the scene by removing all persons |
| for fire-fighters | Enzyme Mix | 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 |
| | | from the vicinity of the incident if there is a fire. No |
| | | - |
| | . 01/20/0001 Pote of evenience | incurs 105/00/0001 Marrien 11 00 |

| | action shall be taken involving any personal risk or |
|---------------------------|--|
| | without suitable training. |
| Ligation Buffer | Promptly isolate the scene by removing all persons |
| Ligation Dune | 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 suitable training. |
| Forward Primer | Promptly isolate the scene by removing all persons |
| | from the vicinity of the incident if there is a fire. No |
| | action shall be taken involving any personal risk or |
| | |
| | without suitable training. |
| 100 mM dNTP Mix (25 mM | Promptly isolate the scene by removing all persons |
| each 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 |
| 1 olymoraeo | action shall be taken involving any personal risk or |
| | |
| | without suitable training. |
| 5X Herculase II Reaction | 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 |
| | 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 |
| | without suitable training. |
| SureSelect Wash Buffer 2 | Promptly isolate the scene by removing all persons |
| | from the vicinity of the incident if there is a fire. No |
| | action shall be taken involving any personal risk or |
| | without suitable training. |
| SureSelect XT HS and XT | Promptly isolate the scene by removing all persons |
| Low Input Blocker Mix | 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 Fast | Promptly isolate the scene by removing all persons |
| Hybridization Buffer | from the vicinity of the incident if there is a fire. No |
| Typhulzation Buller | |
| | action shall be taken involving any personal risk or |
| | without suitable training. |
| SureSelect RNase Block | 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 Post- Capture | Promptly isolate the scene by removing all persons |
| Primer Mix | 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 XT HS Index | |
| | Promptly isolate the scene by removing all persons |
| Primer A01-H02 | from the vicinity of the incident if there is a fire. No |
| | action shall be taken involving any personal risk or |
| | without suitable training. |
| SSel XT HS Cancer All-In- | Promptly isolate the scene by removing all persons |
| One Lung, 16 Reactions | from the vicinity of the incident if there is a fire. No |
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| | | action shall be taken involving any personal risk or without suitable training. |
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| Special protective equipment for fire-fighters | : End Repair-A Tailing Enzyme Mix | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| | End Repair-A Tailing Buffer | 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 equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive |
| | Ligation Buffer | pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive |
| | Adaptor Oligo Mix | 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. |
| | 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 dNTP) | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| | Herculase II Fusion DNA Polymerase | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| | 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 |
| | SureSelect Wash Buffer 2 | pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| | SureSelect 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 |
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| | (SCBA) with a full face-piece operated in positive pressure mode. |
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| 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. |

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

| For non-emergency | : End Repair-A Tailing | No action shall be taken involving any personal risk |
|-------------------|-----------------------------|---|
| personnel | Enzyme Mix | 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 surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. |
| | T4 DNA Ligase | 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. |
| | Ligation Buffer | 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. |
| | Adaptor Oligo Mix | 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 appropriate personal protective equipment. |
| | Forward Primer | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. |

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| 100 mM dNTP Mix (25 mM each dNTP) | 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 |
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| Herculase II Fusion DNA Polymerase | 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. |
| 5X Herculase II Reaction Buffer | 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 appropriate personal |
| SureSelect Binding Buffer | 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 |
| SureSelect Wash Buffer 1 | 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 |
| SureSelect Wash Buffer 2 | 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 |
| SureSelect XT HS and XT Low Input Blocker Mix | 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 |
| SureSelect Fast Hybridization Buffer | 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. |
| SureSelect RNase Block | 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 |

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| | | areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. |
| | SureSelect XT HS Index Primer A01-H02 | 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 |
| | SSel XT HS Cancer All-In- One Lung, 16 Reactions | 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 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 |
| | End Repair-A Tailing Buffer | 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 |
| | T4 DNA Ligase | 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 |
| | Ligation Buffer | 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 |
| | Adaptor Oligo Mix | 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 the |
| | Forward Primer | 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 |
| | 100 mM dNTP Mix (25 mM each dNTP) | 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 | 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 |
| | 5X Herculase II Reaction Buffer | 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 |
| | SureSelect Binding Buffer | 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 |
| | SureSelect Wash Buffer 1 | 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 Wash Buffer 2 | If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on |
|--------------------------------|--|--|
| | 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- | 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 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". 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". 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". 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". 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". 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". 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". If specialized clothing is required to deal with the |
| | 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". |
| 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, waterways, soil or air). |
| | End Repair-A Tailing 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). |
| | T4 DNA Ligase | 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). |
| | Ligation 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). |
| | Adaptor Oligo 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). |
| | Forward Primer | 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). |
| | 100 mM dNTP Mix (25 mM | Avoid dispersal of spilled material and runoff and |
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| each dNTP) | contact with soil, waterways, drains and sewers. |
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| | Inform the relevant authorities if the product has |
| | caused environmental pollution (sewers, waterways, |
| Herculase II Fusion DNA | soil or air). Avoid dispersal of spilled material and runoff and |
| Polymerase | contact with soil, waterways, drains and sewers. |
| 1 olymeruse | Inform the relevant authorities if the product has |
| | caused environmental pollution (sewers, waterways, |
| | soil or air). |
| 5X Herculase II Reaction | Avoid dispersal of spilled material and runoff and |
| Buffer | contact with soil, waterways, drains and sewers. |
| | Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, |
| | soil or air). |
| SureSelect Binding Buffer | Avoid dispersal of spilled material and runoff and |
| 5 | contact with soil, waterways, drains and sewers. |
| | Inform the relevant authorities if the product has |
| | caused environmental pollution (sewers, waterways, |
| SureSelect Wash Buffer 1 | soil or air). |
| SureSelect Wash Buller 1 | 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). |
| SureSelect XT HS and XT | Avoid dispersal of spilled material and runoff and |
| Low Input Blocker Mix | contact with soil, waterways, drains and sewers. |
| | Inform the relevant authorities if the product has |
| | caused environmental pollution (sewers, waterways, |
| SureSelect Fast | soil or air). Avoid dispersal of spilled material and runoff and |
| Hybridization Buffer | 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 | Avoid dispersal of spilled material and runoff and |
| Primer Mix | 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 | Avoid dispersal of spilled material and runoff and |
| Primer A01-H02 | contact with soil, waterways, drains and sewers. |
| | Inform the relevant authorities if the product has |
| | caused environmental pollution (sewers, waterways, |
| SSel XT HS Cancer All-In- | soil or air). Avoid dispersal of spilled material and rupoff and |
| One Lung, 16 Reactions | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. |
| one cang, to reactions | Inform the relevant authorities if the product has |
| | caused environmental pollution (sewers, waterways, |
| | soil or air). |
| | |

| 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 disposal contractor. | |
| | Ligation 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. | |
| | Adaptor Oligo 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. | |
| | 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 disposal contractor. | |
| | Herculase II Fusion DNA Polymerase | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. | |
| | 5X Herculase II Reaction Buffer | Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. | |
| | SureSelect Binding 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 | |

| 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 disposal contractor. |
| SureSelect Wash Buffer 2 | Stop leak if without risk. Move containers from spill |
| | area. Dilute with water and mop up if water-soluble. |
| | Alternatively, or if water-insoluble, absorb with an |
| | inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste |
| | disposal contractor. |
| SureSelect XT HS and XT | Stop leak if without risk. Move containers from spill |
| Low Input Blocker Mix | 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 Fast | Stop leak if without risk. Move containers from spill |
| Hybridization Buffer | 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 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 |
| SureSelect XT HS Index | disposal contractor. Stop leak if without risk. Move containers from spill |
| Primer A01-H02 | 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- | Stop leak if without risk. Move containers from spill |
| One Lung, 16 Reactions | area. Dilute with water and mop up if water-soluble. |
| | Alternatively, or if water-insoluble, absorb with an |
| | inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste |
| | disposal contractor. |
| | - |

Section 7. Handling and storage

Precautions for safe handling

Protective measures

: 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 |
| Ligation Buffer | reuse container. Put on appropriate personal protective equipment |
| | (see Section 8). Do not ingest. Avoid contact with |
| | eyes, skin and clothing. Avoid breathing vapor or |
| | mist. Keep in the original container or an approved |
| | alternative made from a compatible material, kept |
| | tightly closed when not in use. Empty containers |
| | retain product residue and can be hazardous. Do not |
| Adaptor Oligo Mix | reuse container. Put on appropriate personal protective equipment |
| | (see Section 8). |
| Forward Primer | Put on appropriate personal protective equipment |
| | (see Section 8). |
| 100 mM dNTP Mix (25 mM | Put on appropriate personal protective equipment |
| each dNTP) Herculase II Fusion DNA | (see Section 8). |
| Polymerase | Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with |
| i 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 | Put on appropriate personal protective equipment |
| Buffer | (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 |
| SureSelect Wash Buffer 2 | (see Section 8). Put on appropriate personal protective equipment |
| Surceciect Wash Buller 2 | (see Section 8). |
| SureSelect XT HS and XT | Put on appropriate personal protective equipment |
| Low Input Blocker Mix | (see Section 8). |
| SureSelect Fast | Put on appropriate personal protective equipment |
| Hybridization Buffer SureSelect RNase Block | (see Section 8). Put on appropriate personal protective equipment |
| SureSelect Rhase block | (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 | Put on appropriate personal protective equipment |
| Primer Mix | (see Section 8). |
| SureSelect XT HS Index | Put on appropriate personal protective equipment |
| Primer A01-H02 | (see Section 8). |
| SSel XT HS Cancer All-In- | Put on appropriate personal protective equipment |
| One Lung, 16 Reactions | (see Section 8). |
| | |

| <u> </u> | | |
|---|---------------------------------------|---|
| 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 for |
| | T4 DNA Ligase | additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment |
| | Ligation Buffer | before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove |
| | Adaptor Oligo Mix | contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment |
| | Forward Primer | before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for |
| | 100 mM dNTP Mix (25 mM each dNTP) | additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for |
| | Herculase II Fusion DNA Polymerase | additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for |
| | 5X Herculase II Reaction Buffer | additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove |

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|---|--|---|
| | SureSelect Binding Buffer | contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for |
| | SureSelect Wash Buffer 1 | additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| | SureSelect 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. |
| | 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- | Eating, drinking and smoking should be prohibited in |
| | | |

| eccuon r. nananig | One Lung, 16 Reactions | 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. |
|--|------------------------------------|--|
| 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 incompatible materials before handling or use. |
| | End Repair-A Tailing 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. |
| | 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 |
| | Ligation 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 |
| | Adaptor Oligo Mix | 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 |

Section 7. Handling and storage

| Forward Primer | environmental contamination. See Section 10 for incompatible materials before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for |
|---------------------------------------|---|
| 100 mM dNTP Mix (25 mM each dNTP) | 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. |
| Herculase II Fusion DNA Polymerase | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
| 5X Herculase II Reaction Buffer | Store in accordance with local regulations. Store in original container protected from direct sunlight in a 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 Binding 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 |
| SureSelect Wash Buffer 1 | 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 |

Section 7. Handling and storage

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

Section 7. Handling and storage

| | containers. Use appropriate containment to avoid |
|---------------------------|---|
| | environmental contamination. See Section 10 for incompatible materials before handling or use. |
| SureSelect XT HS Index | Store in accordance with local regulations. Store in |
| Primer A01-H02 | 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- | Store in accordance with local regulations. Store in |
| One Lung, 16 Reactions | 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. |

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

| Ingredient name | | Exposure limits |
|----------------------------------|-------------------------------------|--|
| End Repair-A Tailing Enzyme | e Mix | |
| Glycerol | | CA Alberta Provincial (Canada, 6/2018). OEL: 10 mg/m ³ 8 hours. Form: Mist CA Quebec Provincial (Canada, 6/2022). TWAEV: 10 mg/m ³ 8 hours. Form: mist CA Saskatchewan Provincial (Canada, 7/2013). STEL: 20 mg/m ³ 15 minutes. Form: mist TWA: 10 mg/m ³ 8 hours. Form: mist CA British Columbia Provincial (Canada, 6/2023). TWA: 3 mg/m ³ 8 hours. Form: respirable mist TWA: 10 mg/m ³ 8 hours. Form: total mist |
| T4 DNA Ligase Glycerol | | CA Alberta Provincial (Canada, 6/2018). OEL: 10 mg/m ³ 8 hours. Form: Mist CA Quebec Provincial (Canada, 6/2022). TWAEV: 10 mg/m ³ 8 hours. Form: mist CA Saskatchewan Provincial (Canada, 7/2013). STEL: 20 mg/m ³ 15 minutes. Form: mist TWA: 10 mg/m ³ 8 hours. Form: mist CA British Columbia Provincial (Canada, 6/2023). |
| Date of issue/Date of revision | : 04/30/2024 Date of previous issue | : 05/20/2021 Version : 4 39/72 |

Section 8. Exposure controls/personal protection

| | TWA: 3 mg/m ³ 8 hours. Form: respirable mist |
|--|--|
| Linetian Duffer | TWA: 10 mg/m ³ 8 hours. Form: total mist |
| Ligation Buffer Glycerol | CA Alberta Provincial (Canada, 6/2018). OEL: 10 mg/m ³ 8 hours. Form: Mist CA Quebec Provincial (Canada, 6/2022). TWAEV: 10 mg/m ³ 8 hours. Form: mist CA Saskatchewan Provincial (Canada, 7/2013). STEL: 20 mg/m ³ 15 minutes. Form: mist TWA: 10 mg/m ³ 8 hours. Form: mist CA British Columbia Provincial (Canada, 6/2023). TWA: 3 mg/m ³ 8 hours. Form: respirable mist TWA: 10 mg/m ³ 8 hours. Form: total mist |
| | |
| Herculase II Fusion DNA Polymerase | |
| Glycerol | CA Alberta Provincial (Canada, 6/2018). OEL: 10 mg/m ³ 8 hours. Form: Mist CA Quebec Provincial (Canada, 6/2022). TWAEV: 10 mg/m ³ 8 hours. Form: mist CA Saskatchewan Provincial (Canada, 7/2013). STEL: 20 mg/m ³ 15 minutes. Form: mist TWA: 10 mg/m ³ 8 hours. Form: mist CA British Columbia Provincial (Canada, 6/2023). TWA: 3 mg/m ³ 8 hours. Form: respirable mist TWA: 10 mg/m ³ 8 hours. Form: total mist |
| SureSelect RNase Block | |
| Glycerol | CA Alberta Provincial (Canada, 6/2018). OEL: 10 mg/m ³ 8 hours. Form: Mist CA Quebec Provincial (Canada, 6/2022). TWAEV: 10 mg/m ³ 8 hours. Form: mist CA Saskatchewan Provincial (Canada, 7/2013). STEL: 20 mg/m ³ 15 minutes. Form: mist TWA: 10 mg/m ³ 8 hours. Form: mist CA British Columbia Provincial (Canada, 6/2023). TWA: 3 mg/m ³ 8 hours. Form: respirable mist TWA: 10 mg/m ³ 8 hours. Form: total mist |
| SSel XT HS Cancer All-In-One Lung, 16 Reactions Glycerol | CA Alberta Provincial (Canada, 6/2018). OEL: 10 mg/m ³ 8 hours. Form: Mist CA Quebec Provincial (Canada, 6/2022). TWAEV: 10 mg/m ³ 8 hours. Form: mist CA Saskatchewan Provincial (Canada, 7/2013). STEL: 20 mg/m ³ 15 minutes. Form: mist TWA: 10 mg/m ³ 8 hours. Form: mist |
| Date of issue/Date of revision : 04/30/2024 Date of previous issue | :05/20/2021 Version :4 40/72 |

Section 8. Exposure controls/personal protection

| CA British Columbia Provincial (Canada, |
|---|
| 6/2023). |
| TWA: 3 mg/m ³ 8 hours. Form: respirable |
| mist |
| TWA: 10 mg/m ³ 8 hours. Form: total mist |

Biological exposure indices

No exposure indices known.

| Appropriate engineering controls | : Good general ventilation should be sufficient to control worker exposure to airborne contaminants. |
|----------------------------------|---|
| Environmental exposure controls | : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. |
| Individual protection measu | res |
| 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 | Liquid. |
|----------------|---|----------------|
| | End Repair-A Tailing Buffer | Liquid. |
| | T4 DNA Ligase | Liquid. |
| | Ligation Buffer | Liquid. |
| | Adaptor Oligo Mix | Liquid. |
| | Forward Primer | Liquid. |
| | 100 mM dNTP Mix (25 mM | Liquid. |
| | each dNTP) | Elquid. |
| | Herculase II Fusion DNA | Liquid. |
| | Polymerase | |
| | 5X Herculase II Reaction | Liquid. |
| | Buffer | |
| | SureSelect Binding Buffer | Liquid. |
| | SureSelect Wash Buffer 1 | Liquid. |
| | SureSelect Wash Buffer 2 | Liquid. |
| | SureSelect XT HS and XT | Liquid. |
| | Low Input Blocker Mix | |
| | SureSelect Fast | Liquid. |
| | Hybridization Buffer | |
| | SureSelect RNase Block | Liquid. |
| | SureSelect Post- Capture | Liquid. |
| | Primer Mix | |
| | SureSelect XT HS Index | Liquid. |
| | Primer A01-H02 | |
| | SSel XT HS Cancer All-In- One Lung, 16 Reactions | Liquid. |
| 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 | Not available. |
| | each dNTP) | |
| | Herculase II Fusion DNA | Not available. |
| | Polymerase | Nieć zwalista |
| | 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 | Not available. |
| | Low Input Blocker Mix | Not available. |
| | SureSelect Fast | Not available. |
| | Hybridization Buffer | Not available. |
| | SureSelect RNase Block | Not available. |
| | SureSelect Post- Capture | Not available. |
| | Primer Mix | N. (11) |
| | SureSelect XT HS Index | Not available. |
| | Primer A01-H02 | Not available |
| | SSel XT HS Cancer All-In- One Lung, 16 Reactions | Not available. |
| | one Lung, to Reactions | |
| | | |

| enaraeteristics | | |
|-----------------|---|----------------------------------|
| Odor | : End Repair-A Tailing Enzyme Mix | Not available. |
| | | Natavailable |
| | End Repair-A Tailing Buffer | Not available. Not available. |
| | T4 DNA Ligase | |
| | 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. |
| 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. |
| | Polymerase 5X Herculase II Reaction | Not available. |
| | Buffer | |
| | 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 | Not available. |
| | Primer Mix | |
| | SureSelect XT HS Index Primer A01-H02 | Not available. |
| | SSel XT HS Cancer All-In- One Lung, 16 Reactions | Not available. |
| рН | : | |



| | End Repair-A Tailing | 6.5 |
|------------------------------|---|--|
| | Enzyme Mix | |
| | 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 | 7.5 |
| | each dNTP) | |
| | Herculase II Fusion DNA | 8.2 |
| | Polymerase | |
| | 5X Herculase II Reaction | 9.5 to 10.5 |
| | Buffer | |
| | SureSelect Binding Buffer | 7.5 |
| | SureSelect Wash Buffer 1 | 7 |
| | SureSelect Wash Buffer 2 | 7 |
| | SureSelect XT HS and XT | 7.5 |
| | Low Input Blocker Mix | |
| | SureSelect Fast | Not available. |
| | Hybridization Buffer | |
| | SureSelect RNase Block | 7.6 |
| | SureSelect Post- Capture | 7.5 |
| | Primer Mix | |
| | SureSelect XT HS Index | 7.5 |
| | Primer A01-H02 | |
| | SSel XT HS Cancer All-In- | Not available. |
| | One Lung, 16 Reactions | |
| Melting point/freezing point | : End Repair-A Tailing | Not available. |
| menting point neezing point | | The available. |
| menting pointmeezing point | Enzyme Mix | |
| menting point reezing point | | 0°C (32°F) |
| menting point reezing point | Enzyme Mix | |
| | Enzyme Mix End Repair-A Tailing Buffer | 0°C (32°F) |
| | Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase | 0°C (32°F) Not available. |
| | Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer | 0°C (32°F) Not available. Not available. |
| | Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM | 0°C (32°F) Not available. Not available. 0°C (32°F) |
| | Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer | 0°C (32°F) Not available. Not available. 0°C (32°F) 0°C (32°F) |
| | 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 | 0°C (32°F) Not available. Not available. 0°C (32°F) 0°C (32°F) |
| | 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) | 0°C (32°F) Not available. Not available. 0°C (32°F) 0°C (32°F) Not available. Not available. |
| | 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 | 0°C (32°F) Not available. Not available. 0°C (32°F) 0°C (32°F) Not available. |
| | 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 | 0°C (32°F) Not available. Not available. 0°C (32°F) 0°C (32°F) Not available. Not available. Not available. |
| | 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 | 0°C (32°F) Not available. Not available. 0°C (32°F) 0°C (32°F) Not available. Not available. Not available. |
| | 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 | 0°C (32°F) Not available. Not available. 0°C (32°F) 0°C (32°F) Not available. Not available. Not available. Not available. 0°C (32°F) |
| | 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 | 0°C (32°F) Not available. Not available. 0°C (32°F) 0°C (32°F) Not available. Not available. Not available. 0°C (32°F) 0°C (32°F) |
| | 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 XT HS and XT | 0°C (32°F) Not available. Not available. 0°C (32°F) 0°C (32°F) Not available. Not available. Not available. Not available. 0°C (32°F) |
| | 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 XT HS and XT Low Input Blocker Mix | 0°C (32°F) Not available. Not available. 0°C (32°F) 0°C (32°F) Not available. Not available. Not available. 0°C (32°F) 0°C (32°F) 0°C (32°F) |
| | 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 XT HS and XT Low Input Blocker Mix SureSelect Fast | 0°C (32°F) Not available. Not available. 0°C (32°F) 0°C (32°F) Not available. Not available. Not available. 0°C (32°F) 0°C (32°F) |
| | 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 XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer | 0°C (32°F) Not available. Not available. 0°C (32°F) 0°C (32°F) Not available. Not available. Not available. 0°C (32°F) 0°C (32°F) 0°C (32°F) |
| | 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 | $0^{\circ}C (32^{\circ}F)$ Not available. Not available. $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ Not available. Not available. Not available. $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ Not available. Not available. Not available. |
| | 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 | 0°C (32°F) Not available. Not available. 0°C (32°F) 0°C (32°F) Not available. Not available. Not available. 0°C (32°F) 0°C (32°F) 0°C (32°F) |
| | 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 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 | $0^{\circ}C (32^{\circ}F)$ Not available. Not available. $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ Not available. Not available. Not available. $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ Not available. Not available. Not available. $0^{\circ}C (32^{\circ}F)$ |
| | 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 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 | $0^{\circ}C (32^{\circ}F)$ Not available. Not available. $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ Not available. Not available. Not available. $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ Not available. Not available. Not available. |
| | 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 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 | $0^{\circ}C (32^{\circ}F)$ Not available. Not available. $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ Not available. Not available. Not available. $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ Not available. Not available. $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ |
| | 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 Post- Capture Primer Mix SureSelect XT HS Index Primer A01-H02 SSel XT HS Cancer All-In- | $0^{\circ}C (32^{\circ}F)$ Not available. Not available. $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ Not available. Not available. Not available. $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ Not available. Not available. Not available. $0^{\circ}C (32^{\circ}F)$ |
| | 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 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 | $0^{\circ}C (32^{\circ}F)$ Not available. Not available. $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ Not available. Not available. Not available. $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ Not available. Not available. $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ $0^{\circ}C (32^{\circ}F)$ |

| Boiling point, initial boiling point, and boiling range | : End Repair-A Tailing Enzyme Mix | Not available. |
|---|---|----------------|
| 1 1 1 1 1 1 1 1 1 1 | End Repair-A Tailing Buffer | 100°C (212°F) |
| | T4 DNA Ligase | Not available. |
| | Ligation Buffer | Not available. |
| | Adaptor Oligo Mix | 100°C (212°F) |
| | Forward Primer | 100°C (212°F) |
| | 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 | 100°C (212°F) |
| | SureSelect Wash Buffer 2 | 100°C (212°F) |
| | SureSelect XT HS and XT Low Input Blocker Mix | 100°C (212°F) |
| | SureSelect Fast Hybridization Buffer | Not available. |
| | SureSelect RNase Block | Not available. |
| | SureSelect Post- Capture Primer Mix | 100°C (212°F) |
| | SureSelect XT HS Index Primer A01-H02 | 100°C (212°F) |
| | SSel XT HS Cancer All-In- One Lung, 16 Reactions | 100°C (212°F) |

2

Flash point

| | | Close | ed cup | | Open cup | | |
|--|----|-------|--------|-----|----------|--------|--|
| Ingredient name | °C | °F | Method | °C | °F | 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 | | | | | | | |
| Glycerol | - | - | - | 177 | 350.6 | - | |

| | SSel XT HS Cancer All-In-One Lung, 16 Reactions | | | | | |
|------------------|--|-----------------|-----|-------|---|--|
| | Glycerol - | | 177 | 350.6 | - | |
| Evaporation rate | : End Repair-A Tailing Enzyme Mix | Not available. | | I | | |
| | 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 | Not available. | | | | |
| | Low Input Blocker Mix | | | | | |
| | SureSelect Fast Hybridization Buffer | Not available. | | | | |
| | SureSelect RNase Block | Not available. | | | | |
| | SureSelect Post- Capture | Not available. | | | | |
| | Primer Mix SureSelect XT HS Index Primer A01-H02 | Not available. | | | | |
| | SSel XT HS Cancer All-In- One Lung, 16 Reactions | Not available. | | | | |
| Flammability | : 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 | Not applicable. | | | | |
| | each dNTP) | Not applicable. | | | | |
| | Herculase II Fusion DNA Polymerase | Not applicable. | | | | |
| | 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 | Not applicable. | | | | |
| | Low Input Blocker Mix SureSelect Fast | Not applicable. | | | | |
| | Hybridization Buffer | - | | | | |
| | SureSelect RNase Block | Not applicable. | | | | |
| | SureSelect Post- Capture | Not applicable. | | | | |
| | Primer Mix SureSelect XT HS Index | Not applicable. | | | | |
| | | | | | | |

| | | Primer A01-H02 SSel XT HS Cancer All-In- One Lung, 16 Reactions | Not applicable. |
|--|---|---|-----------------|
| Lower and upper explosion limit/flammability limit | : | 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 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. |
| | | | |

1

Vapor pressure

| | Vapo | Vapor Pressure at 20°C | | | Vapor pressure 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 | 17.5 | 2.0 | | 32.200 | 12.5 | - | | |
| water | 17.5 | 2.3 | - | 92.258 | 12.3 | - | | |
| Glycerol | 0.000075 | 0.00001 | - | 0.0025 | 0.00033 | - | | |
| Ligation Buffer | | | | | | | | |

:05/20/2021

| 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 | - |
| Forward Primer | | | | | | |
| water | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| 100 mM dNTP Mix (25 mM each dNTP) | | | | | | |
| water | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| Herculase II Fusion DNA Polymerase | | | | | | |
| water | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| Glycerol | 0.000075 | 0.00001 | - | 0.0025 | 0.00033 | - |
| 5X Herculase II Reaction Buffer | | | | | | |
| water | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| Trometamol | <0.00075006 | <0.0001 | - | - | - | - |
| SureSelect Binding Buffer | | | | | | |
| water | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| SureSelect Wash Buffer 1 | | | | | | |
| water | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| SureSelect Wash Buffer 2 | | | | | | |
| water | 17.5 | 2.3 | - | 92.258 | 12.3 | - |
| SureSelect XT HS and XT Low Input Blocker Mix | | | | | | |
| : 04/30/2024 Date of p | previous iss | sue | : 05/20/2021 | | Version | :4 48/72 |

| characteristics | | | | | | | | |
|--------------------------------|---|--------------|--|----------------------------------|--------|---------|----|-------|
| | water | 17.5 | 2.3 | - | 92.258 | 12.3 | - | |
| | | | | | | | | |
| | SureSelect Fast Hybridization Buffer | | | | | | | |
| | water | 17.5 | 2.3 | - | 92.258 | 12.3 | - | |
| | SureSelect RNase 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 | 0.000075 | 0.00001 | - | 0.0025 | 0.00033 | - | |
| Relative vapor density : | End Repair-A Tailing Enzyme Mix | 1 | Not avail | able. | | | 1 | |
| | End Repair-A Tailing T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (2 | | Not avail Not avail Not avail Not avail Not avail Not avail | able. able. able. able. | | | | |
| | each dNTP) Herculase II Fusion I Polymerase | ONA | Not avail | able. | | | | |
| | 5X Herculase II Read Buffer | | Not avail | | | | | |
| | SureSelect Binding E SureSelect Wash Bu | | Not avail Not avail | | | | | |
| | SureSelect Wash Bu | | Not avail | | | | | |
| | SureSelect XT HS ar | nd XT | Not avail | | | | | |
| | Low Input Blocker Mi SureSelect Fast | x | Not avail | able. | | | | |
| Date of issue/Date of revision | : 04/30/2024 Date of p | previous iss | sue | : 05/20/2021 | | Version | :4 | 49/72 |

| | Hybridization Buffer | | | | |
|---------------------------------|---------------------------------------|-------------|------------|-------------|-------|
| | SureSelect RNase Block | Not availab | | | |
| | SureSelect Post- Capture | Not availab | ole. | | |
| | Primer Mix | | | | |
| | SureSelect XT HS Index | Not availab | ole. | | |
| | Primer A01-H02 | NI. 4 | 1. | | |
| | SSel XT HS Cancer All-In- | Not availab | ole. | | |
| | One Lung, 16 Reactions | | | | |
| Relative density | : End Repair-A Tailing Enzyme Mix | Not availab | le. | | |
| | End Repair-A Tailing Buffer | Not availab | le. | | |
| | T4 DNA Ligase | Not availab | ole. | | |
| | Ligation Buffer | Not availab | ole. | | |
| | Adaptor Oligo Mix | Not availab | ole. | | |
| | Forward Primer | Not availab | | | |
| | 100 mM dNTP Mix (25 mM | Not availab | ole. | | |
| | each dNTP) | | | | |
| | Herculase IÍ Fusion DNA Polymerase | Not availab | le. | | |
| | 5X Herculase II Reaction | Not availab | le | | |
| | Buffer | | | | |
| | SureSelect Binding Buffer | Not availab | le. | | |
| | SureSelect Wash Buffer 1 | Not availab | | | |
| | SureSelect Wash Buffer 2 | Not availab | | | |
| | SureSelect XT HS and XT | Not availab | | | |
| | Low Input Blocker Mix | Not availab | <i>.</i> | | |
| | SureSelect Fast | Not availab | le | | |
| | Hybridization Buffer | Not availab | | | |
| | SureSelect RNase Block | Not availab | le | | |
| | SureSelect Post- Capture Not availab | | | | |
| | • | Primer Mix | | | |
| | SureSelect XT HS Index | le. | | | |
| | Primer A01-H02 | | | | |
| | SSel XT HS Cancer All-In- | Not availab | le. | | |
| | One Lung, 16 Reactions | | | | |
| Solubility(ies) | : Media | | Result | | |
| | End Repair-A Tailing Enzy | me Mix | | | |
| | water | | Soluble | | |
| | End Repair-A Tailing Buffe | r | | | |
| | water | | Soluble | | |
| | T4 DNA Ligase | | | | |
| | water | | Soluble | | |
| | Ligation Buffer | | | | |
| | water | | Soluble | | |
| | Adaptor Oligo Mix | | | | |
| | water | | Soluble | | |
| | Forward Primer | | | | |
| | water | | Soluble | | |
| | 100 mM dNTP Mix (25 mM | each dNTP) | | | |
| | water | ouon un , | Soluble | | |
| | Herculase II Fusion DNA P | olvmerase | | | |
| | water | | Soluble | | |
| | 5X Herculase II Reaction B | uffer | | | |
| | water | | Soluble | | |
| | SureSelect Binding Buffer | | | | |
| | water | | Soluble | | |
| | SureSelect Wash Buffer 1 | | | | |
| Data at issue (Data at we date) | | | | Manajara | 50/70 |
| Date of issue/Date of revision | : 04/30/2024 Date of previous i | ssue : | 05/20/2021 | Version : 4 | 50/72 |

| characteristics | | | | | |
|--------------------------------|--|-------------|------------|-------------------|--|
| | water SureSelect Wash Buffer 2 | | Soluble | | |
| | water SureSelect XT HS and XT L | ow Input | Soluble | | |
| | Blocker Mix | ion input | Salubla | | |
| | water SureSelect Fast Hybridizati | ion Buffer | Soluble | | |
| | water SureSelect RNase Block | | Soluble | | |
| | water SureSelect Post- Capture P | Primer Mix | Soluble | | |
| | water SureSelect XT HS Index Pri | | Soluble | | |
| | A01-H02 | | Caluble | | |
| | water SSel XT HS Cancer All-In-O | ne Lung, | Soluble | | |
| | 16 Reactions water | | Soluble | | |
| Partition coefficient: n- : | End Repair-A Tailing | Not applica | able. | | |
| octanol/water | Enzyme Mix | | | | |
| | End Repair-A Tailing Buffer | Not applica | | | |
| | T4 DNA Ligase | Not applica | | | |
| | Ligation Buffer | Not applica | | | |
| | Adaptor Oligo Mix | Not applica | | | |
| | Forward Primer | Not applica | | | |
| | 100 mM dNTP Mix (25 mM each dNTP) | Not applica | ibie. | | |
| | Herculase II Fusion DNA Not applicable. Polymerase | | | | |
| | 5X Herculase II Reaction Buffer | Not applica | able. | | |
| | SureSelect Binding Buffer | Not applica | able. | | |
| | SureSelect Wash Buffer 1 | Not applica | | | |
| | SureSelect Wash Buffer 2 | Not applica | | | |
| | SureSelect XT HS and XT Low Input Blocker Mix | Not applica | | | |
| | SureSelect Fast Hybridization Buffer | Not applica | able. | | |
| | SureSelect RNase BlockNot applicable.SureSelect Post- CaptureNot applicable. | | | | |
| | Primer Mix SureSelect XT HS Index | Not applica | | | |
| | Primer A01-H02 SSel XT HS Cancer All-In- | Not applica | | | |
| . | One Lung, 16 Reactions | | | | |
| Auto-ignition temperature : | Ingredient name | °C | °F | Method | |
| | End Repair-A Tailing Enzyme Mix | | | | |
| | Glycerol | 370 | 698 | - | |
| | T4 DNA Ligase | | | | |
| | Glycorol | 270 | 600 | | |
| | Glycerol | 370 | 698 | - | |
| Date of issue/Date of revision | : 04/30/2024 Date of previous is | ssue : (| 05/20/2021 | Version : 4 51/72 | |

| characteristics | | | | | |
|---------------------------|---|----------------------------------|--------|---|--|
| | 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 | - | |
| Decomposition temperature | : End Repair-A Tailing | Not available. | | | |
| | Enzyme Mix | . | | | |
| | End Repair-A Tailing Buffer | Not available. | | | |
| | T4 DNA Ligase | Not available. | | | |
| | Ligation Buffer Adaptor Oligo Mix | Not available. Not available. | | | |
| | Forward Primer | Not available. | | | |
| | 100 mM dNTP Mix (25 mM | Not available. | | | |
| | each dNTP) | | | | |
| | Herculase II Fusion DNA | Not available. | | | |
| | Polymerase 5X Herculase II Reaction | Not available. | | | |
| | Buffer | | | | |
| | 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 | Not available. | | | |
| | Hybridization Buffer | | | | |
| | SureSelect RNase Block | Not available. | | | |
| | SureSelect Post- Capture Primer Mix | Not available. | | | |
| | SureSelect XT HS Index | Not available. | | | |
| | Primer A01-H02 | | | | |
| | 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. | | | |
| | | | 0/0004 | | |

| | 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 | Not available. |
| | Low Input Blocker Mix | |
| | SureSelect Fast | Not available. |
| | Hybridization Buffer | |
| | SureSelect RNase Block | Not available. |
| | SureSelect Post- Capture | Not available. |
| | Primer Mix | |
| | SureSelect XT HS Index | Not available. |
| | Primer A01-H02 | |
| | SSel XT HS Cancer All-In- | Not available. |
| | One Lung, 16 Reactions | |
| Particle characteristics | - | |
| Median particle size | : E nd Repair-A Tailing | Not applicable. |
| | Enzyme Mix | |
| | 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 | Not applicable. |
| | each dNTP) | |
| | Herculase II Fusion DNA | Not applicable. |
| | Polymerase | |
| | 5X Herculase II Reaction | Not applicable. |
| | Buffer | |
| | SureSelect Binding Buffer | Not applicable. |
| | SureSelect Wash Buffer 1 | Not applicable. |
| | SureSelect Wash Buffer 2 | Not applicable. |
| | SureSelect XT HS and XT | Not applicable. |
| | Low Input Blocker Mix | |
| | SureSelect Fast | Not applicable. |
| | Hybridization Buffer | |
| | SureSelect RNase Block | Not applicable. |
| | SureSelect Post- Capture | Not applicable. |
| | Primer Mix | |
| | SureSelect XT HS Index | Not applicable. |
| | Primer A01-H02 | |
| | SSel XT HS Cancer All-In- | Not applicable. |
| | One Lung, 16 Reactions | |
| | | |

| 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 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 | No specific test data related to reactivity available for |
| | each dNTP) | this product or its ingredients. |
| | Herculase II Fusion DNA | No specific test data related to reactivity available for |
| | Polymerase | this product or its ingredients. |
| | 5X Herculase II Reaction | No specific test data related to reactivity available for |
| | Buffer | 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 | No specific test data related to reactivity available for |
| | Low Input Blocker Mix | this product or its ingredients. |
| | SureSelect Fast | No specific test data related to reactivity available for |
| | Hybridization Buffer | 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 | No specific test data related to reactivity available for |
| | Primer Mix | this product or its ingredients. |
| | SureSelect XT HS Index | No specific test data related to reactivity available for |
| | Primer A01-H02 | this product or its ingredients. |
| | SSel XT HS Cancer All-In- | No specific test data related to reactivity available for |
| | One Lung, 16 Reactions | this product or its ingredients. |
| Chemical stability | : End Repair-A Tailing | The product is stable. |
| | Enzyme Mix | |
| | End Repair-A Tailing Buffer | The product is stable. |
| | T4 DNA Ligase | The product is stable. |
| | Ligation Buffer | The product is stable. |
| | Adaptor Oligo Mix | The product is stable. |
| | Forward Primer | The product is stable. |
| | 100 mM dNTP Mix (25 mM each dNTP) | The product is stable. |
| | Herculase II Fusion DNA | The product is stable. |
| | Polymerase | |
| | 5X Herculase II Reaction | The product is stable. |
| | Buffer | |
| | 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 | The product is stable. |
| | Low Input Blocker Mix | |
| | SureSelect Fast | The product is stable. |
| | Hybridization Buffer | |
| | SureSelect RNase Block | The product is stable |
| | SureSelect Post- Capture | The product is stable. The product is stable. |
| | Primer Mix | |
| | SureSelect XT HS Index Primer A01-H02 | The product is stable. |
| | SSel XT HS Cancer All-In- | The product is stable. |
| | One Lung, 16 Reactions | • |

| Section 10. Stability | and reactivity | |
|--------------------------------------|---|---|
| Possibility of hazardous : reactions | End Repair-A Tailing Enzyme Mix | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | 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, |
| | Ligation Buffer | hazardous reactions will not occur. Under normal conditions of storage and use, |
| | Adaptor Oligo Mix | hazardous reactions will not occur. Under normal conditions of storage and use, |
| | Forward Primer | hazardous reactions will not occur. Under normal conditions of storage and use, |
| | | hazardous reactions will not occur. |
| | 100 mM dNTP Mix (25 mM each dNTP) | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | Herculase II Fusion DNA | Under normal conditions of storage and use, |
| | Polymerase | hazardous reactions will not occur. |
| | 5X Herculase II Reaction | Under normal conditions of storage and use, |
| | Buffer SureSelect Binding Buffer | hazardous reactions will not occur. Under normal conditions of storage and use, |
| | SureSelect Wash Buffer 1 | hazardous reactions will not occur. Under normal conditions of storage and use, 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 | Under normal conditions of storage and use, |
| | Low Input Blocker Mix | hazardous reactions will not occur. |
| | SureSelect Fast | Under normal conditions of storage and use, |
| | Hybridization Buffer | hazardous reactions will not occur. |
| | SureSelect RNase Block | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | SureSelect Post- Capture Primer Mix | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | SureSelect XT HS Index | Under normal conditions of storage and use, |
| | Primer A01-H02 | hazardous reactions will not occur. |
| | SSel XT HS Cancer All-In- One Lung, 16 Reactions | Under normal conditions of storage and use, hazardous reactions will not occur. |
| | ene Lang, re ricacione | |
| 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 Forward Primer | No specific data. 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 | No specific data. |
| | Low Input Blocker Mix SureSelect Fast | No specific data. |
| | Hybridization Buffer | |
| | SureSelect RNase Block | No specific data. |
| | SureSelect Post- Capture | No specific data. |
| | Primer Mix | |
| | | |

| | | No specific data. |
|----------------------------------|---|--|
| | Primer A01-H02 SSel XT HS Cancer All-In- One Lung, 16 Reactions | No specific data. |
| Incompatible materials | : End Repair-A Tailing | May react or be incompatible with oxidizing materials |
| | Enzyme Mix | May react or be incompatible with evidizing materials |
| | End Repair-A Tailing Buffer T4 DNA Ligase | May react or be incompatible with oxidizing 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 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 | May react or be incompatible with oxidizing materials |
| | Low Input Blocker Mix SureSelect Fast Hybridization Buffer | May react or be incompatible with oxidizing materials |
| | SureSelect RNase Block | May react or be incompatible with oxidizing materials |
| | SureSelect Post- Capture Primer Mix | May react or be incompatible with oxidizing materials |
| | SureSelect XT HS Index Primer A01-H02 | May react or be incompatible with oxidizing materials |
| | SSel XT HS Cancer All-In- One Lung, 16 Reactions | May react or be incompatible with oxidizing materials |
| Hazardous decomposition products | : End Repair-A Tailing Enzyme Mix | Under normal conditions of storage and use, hazardous decomposition products should not be |
| products | | produced. |
| | End Repair-A Tailing Buffer | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| | T4 DNA Ligase | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| | Ligation Buffer | Under normal conditions of storage and use, hazardous decomposition products should not be |
| | Adaptor Oligo Mix | produced. Under normal conditions of storage and use, hazardous decomposition products should not be |
| | Forward Primer | produced. Under normal conditions of storage and use, hazardous decomposition products should not be |
| | 100 mM dNTP Mix (25 mM | produced. Under normal conditions of storage and use, |
| | each dNTP) | hazardous decomposition products should not be produced. |
| | Herculase II Fusion DNA Polymerase | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| | 5X Herculase II Reaction Buffer | Under normal conditions of storage and use, hazardous decomposition products should not be |

| | produced. |
|---------------------------|--|
| SureSelect Binding Buffer | Under normal conditions of storage and use, |
| | hazardous decomposition products should not be |
| | produced. |
| SureSelect Wash Buffer 1 | Under normal conditions of storage and use, |
| | hazardous decomposition products should not be |
| | produced. |
| SureSelect Wash Buffer 2 | Under normal conditions of storage and use, |
| | hazardous decomposition products should not be |
| SureSelect XT HS and XT | produced. |
| | Under normal conditions of storage and use, |
| Low Input Blocker Mix | hazardous decomposition products should not be produced. |
| SureSelect Fast | Under normal conditions of storage and use, |
| Hybridization Buffer | hazardous decomposition products should not be |
| | produced. |
| SureSelect RNase Block | Under normal conditions of storage and use, |
| | hazardous decomposition products should not be |
| | produced. |
| SureSelect Post- Capture | Under normal conditions of storage and use, |
| Primer Mix | hazardous decomposition products should not be |
| | produced. |
| SureSelect XT HS Index | Under normal conditions of storage and use, |
| Primer A01-H02 | hazardous decomposition products should not be |
| | produced. |
| SSel XT HS Cancer All-In- | Under normal conditions of storage and use, |
| One Lung, 16 Reactions | hazardous decomposition products should not be |
| | produced. |
| | |

Section 11. Toxicological information

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 | _ |
| | | | | 12000 mg/ng | |
| Herculase II Fusion DNA | | | | | |
| Polymerase | | | | | |
| Glycerol | LD50 Oral | | Rat | 12600 mg/kg | - |
| EV Haraulaaa II Daastian | | | | | |
| 5X Herculase II Reaction Buffer | | | | | |
| Trometamol | LD50 Dermal | | Rat | >5000 mg/kg | - |
| Hexadecan-1-ol, ethoxylated | LD50 Oral | | Rat | 2500 mg/kg | - |
| · · | | | | | |
| SureSelect Wash Buffer 1 | | | | | |
| Sodium dodecyl sulphate | LD50 Oral | | Rat | 1288 mg/kg | - |
| ate of issue/Date of revision | : 04/30/2024 | Date of previous iss | ue : 05/ | /20/2021 | Version : 4 |

| - | Becholi II. Toxicological information | | | | | |
|---|---|-----------|-----|-------------|---|--|
| | 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 | _ |
| | | Rubbit | | mg | |
| | | | | ing | |
| T4 DNA Ligase | | | | | |
| Glycerol | Eyes - Mild irritant | Rabbit | - | 24 hours 500 | - |
| | | | | mg | |
| | Skin - Mild irritant | Rabbit | - | 24 hours 500 | - |
| | | | | mg | |
| Ligation Buffer | | | | | |
| Glycerol | Eyes - Mild irritant | Rabbit | - | 24 hours 500 | - |
| , | | | | mg | |
| | Skin - Mild irritant | Rabbit | - | 24 hours 500 | - |
| | | | | mg | |
| Herculase II Fusion DNA | | | | | |
| Polymerase | | | | | |
| Glycerol | Eyes - Mild irritant | Rabbit | _ | 24 hours 500 | _ |
| | | T CODDIC | | mg | |
| | Skin - Mild irritant | Rabbit | _ | 24 hours 500 | - |
| | | | | mg | |
| | | | | | |
| 5X Herculase II Reaction Buffer | | | | | |
| Trometamol | Skin - Moderate irritant | Rabbit | _ | 25 % | _ |
| Hemetamer | Skin - Severe irritant | Rabbit | _ | 500 mg | - |
| | | | | e e e 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 | - |
| | | | | mg | |
| | Skin - Mild irritant | Guinea pig | - | 24 hours 25 | - |
| | Skin - Mild irritant | Rabbit | | mg 24 hours 50 | |
| | | Rabbit | - | | - |
| | Skin - Moderate irritant | Mouse | | mg 24 hours 25 | |
| | | MOUSE | Ī | | - |

| | | | | 100.01 | 1 |
|---------------------------|---------------------------|------------|---|--------------------|---|
| | Skin - Moderate irritant | Rabbit | - | mg 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 | |
| | Lyes - Moderate initant | Tabbit | - | | - |
| | Skin - Mild irritant | Guinea pig | | mg 24 hours 25 | |
| | Skill - Mild Initalit | Guinea pig | - | | - |
| | Skin - Mild irritant | Rabbit | | mg 24 hours 50 | - |
| | Skill - Mild Initalit | Tabbit | - | | - |
| | Skin - Moderate irritant | Mouse | | mg 24 hours 25 | |
| | Skill - Moderate initalit | MOUSE | - | | - |
| | Skin - Moderate irritant | Rabbit | | mg 24 hours 25 | |
| | | Nabbit | - | | - |
| | | | | mg | |
| SureSelect RNase Block | | | | | |
| Glycerol | Eyes - Mild irritant | Rabbit | | 24 hours 500 | |
| Giycerol | | Tabbit | - | | - |
| | Skin - Mild irritant | Rabbit | | mg 24 hours 500 | |
| | Skill - Mild Initalit | Tabbit | - | | - |
| | | | | mg | |
| SSel XT HS Cancer All-In- | | | | | |
| One Lung, 16 Reactions | | | | | |
| | Even Mild irritant | Dabbit | | 24 hours EOO | |
| Glycerol | Eyes - Mild irritant | Rabbit | - | 24 hours 500 | - |
| | Skip Mild irritant | Dabbit | | 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 toxicity (single exposure)

| 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 | Routes of entry anticipated: Oral, Dermal, Inhalation, |
| | Polymerase | Eyes. |
| | 5X Herculase II Reaction | Routes of entry anticipated: Oral, Dermal, Inhalation, |
| | Buffer | Eyes. |
| | SureSelect Binding Buffer | Not available. |
| | SureSelect Wash Buffer 1 | Not available. |
| | SureSelect Wash Buffer 2 | Not available. |
| | SureSelect XT HS and XT | Not available. |
| | Low Input Blocker Mix | Bester of entry entirinated, Oral Dermal Inhelation |
| | SureSelect Fast | Routes of entry anticipated: Oral, Dermal, Inhalation, |
| | Hybridization Buffer SureSelect RNase Block | Eyes. Routes of entry anticipated: Oral, Dermal, Inhalation, |
| | Sureselect Mase Diock | Eyes. |
| | SureSelect Post- Capture | Not available. |
| | Primer Mix | |
| | SureSelect XT HS Index | Not available. |
| | Primer A01-H02 | |
| | SSel XT HS Cancer All-In- | Not available. |
| | One Lung, 16 Reactions | |
| Potential acute health effects | - | |
| | End Repair-A Tailing | Causes eye irritation. |
| - | Enzyme Mix | |
| | End Repair-A Tailing Buffer | No known significant effects or critical hazards. |
| | T4 DNA Ligase | Causes eye irritation. |
| | Ligation Buffer | 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 dNTP) | No known significant effects or critical hazards. |
| | Herculase II Fusion DNA Polymerase | Causes eye irritation. |
| | 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 Buffer | No known significant effects or critical hazards. |

| | gical information | | | |
|--------------------------------|---|---------------------------------|-------------------|---|
| | SureSelect RNase Block | Causes eye irritation. | | |
| | 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. | |
| 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 | | |
| | Ligation Buffer | No known significant effects or | | |
| | Adaptor Oligo Mix | No known significant effects or | | |
| | Forward Primer | No known significant effects or | | |
| | 100 mM dNTP Mix (25 mM each dNTP) | No known significant effects or | | |
| | 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 | | |
| | 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 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 | | |
| | Forward Primer | No known significant effects or | | |
| | 100 mM dNTP Mix (25 mM each dNTP) | No known significant effects or | | |
| | Herculase II Fusion DNA Polymerase | No known significant effects or | | |
| | 5X Herculase II Reaction Buffer | No known significant effects or | | |
| | SureSelect Binding Buffer | No known significant effects or | | |
| | SureSelect Wash Buffer 1 | No known significant effects or | | |
| | SureSelect Wash Buffer 2 | No known significant effects or | | |
| | SureSelect XT HS and XT Low Input Blocker Mix | No known significant effects or | | |
| | SureSelect Fast Hybridization Buffer | No known significant effects or | | |
| | SureSelect RNase Block | No known significant effects or | | |
| | SureSelect Post- Capture Primer Mix | No known significant effects or | | |
| | SureSelect XT HS Index Primer A01-H02 | No known significant effects or | | |
| | SSel XT HS Cancer All-In- | No known significant effects or | critical hazards. | |
| Date of issue/Date of revision | : 04/30/2024 Date of previous is | sue : 05/20/2021 | Version : 4 | 6 |

| | One 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 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 | 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 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. |

Symptoms related to the physical, chemical and toxicological characteristics

| Eye contact | : End Repair-A Tailing Enzyme Mix | Adverse symptoms may include the following: |
|-------------|--|--|
| | , | irritation |
| | | watering |
| | | redness |
| | End Repair-A Tailing Buffer T4 DNA Ligase | No specific data. Adverse symptoms may include the following: |
| | I + DIA LIGASE | irritation |
| | | watering redness |
| | Ligation Buffer | Adverse symptoms may include the following: irritation |
| | | watering |
| | | redness |
| | 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 | Adverse symptoms may include the following: |
| | | 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 | No specific data. |
| | | |

Date of issue/Date of revision

| | Low Input Blocker Mix SureSelect Fast Hybridization Buffer | No specific data. | |
|--------------------------------|--|---|-----|
| | SureSelect RNase Block | Adverse symptoms may include the following: irritation watering | |
| | | redness | |
| | 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. | |
| 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 Buffer | No specific data. | |
| | SureSelect RNase Block SureSelect Post- Capture Primer Mix | No specific data. 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. | |
| 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 Input Blocker Mix | No specific data. | |
| | SureSelect Fast Hybridization Buffer | No specific data. | |
| Date of issue/Date of revision | : 04/30/2024 Date of provious i | seue : 05/20/2021 Version : 4 | 63/ |

: 04/30/2024 Date of previous issue

:05/20/2021

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| | • | |
|-------------|---|--|
| | SureSelect RNase Block | No specific data. |
| | SureSelect Post- Capture | No specific data. |
| | Primer Mix | |
| | SureSelect XT HS Index | No specific data. |
| | Primer A01-H02 | |
| | SSel XT HS Cancer All-In- | No specific data. |
| | One Lung, 16 Reactions | |
| Ingestion : | End Repair-A Tailing | No specific data. |
| | Enzyme Mix | |
| | 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 | No specific data. |
| | each dNTP) | |
| | Herculase II Fusion DNA | No specific data. |
| | Polymerase | |
| | 5X Herculase II Reaction Buffer | No specific data. |
| | | No oposifio data |
| | SureSelect Binding Buffer SureSelect Wash Buffer 1 | No specific data. |
| | SureSelect Wash Buffer 2 | No specific data. No specific data. |
| | SureSelect XT HS and XT | No specific data. |
| | Low Input Blocker Mix | No specific data. |
| | SureSelect Fast | No specific data. |
| | Hybridization Buffer | No specific data. |
| | SureSelect RNase Block | No specific data. |
| | SureSelect Post- Capture | No specific data. |
| | Primer Mix | No specific data. |
| | SureSelect XT HS Index | No specific data. |
| | Primer A01-H02 | - |
| | SSel XT HS Cancer All-In- | No specific data. |
| | One Lung, 16 Reactions | |
| | | |

Delayed and immediate effects 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 effe | <u>ect</u> | <u>s</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 dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction | No known significant effects or critical hazards. No known significant effects or critical hazards. | |
| Dete of issue (Dete of models) | | | | _ |

| | gical internation | |
|-------------------|-----------------------------|---|
| | Buffer | |
| | 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 | No known significant effects or critical hazards. |
| | Low Input Blocker Mix | <u> </u> |
| | SureSelect Fast | No known significant effects or critical hazards. |
| | Hybridization Buffer | 5 |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Post- Capture | No known significant effects or critical hazards. |
| | Primer Mix | no hitomi olgimbarit onoolo or oritoar hazarao. |
| | SureSelect XT HS Index | No known significant effects or critical hazards. |
| | Primer A01-H02 | No known significant chects of childa hazards. |
| | SSel XT HS Cancer All-In- | No known significant effects or critical hazards. |
| | One Lung, 16 Reactions | No known significant enects of childa hazards. |
| | - | |
| Carcinogenicity : | End Repair-A Tailing | No known significant effects or critical hazards. |
| | Enzyme Mix | |
| | 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 | No known significant effects or critical hazards. |
| | each dNTP) | |
| | Herculase II Fusion DNA | No known significant effects or critical hazards. |
| | Polymerase | |
| | 5X Herculase II Reaction | No known significant effects or critical hazards. |
| | Buffer | |
| | 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 | No known significant effects or critical hazards. |
| | Low Input Blocker Mix | 5 |
| | SureSelect Fast | No known significant effects or critical hazards. |
| | Hybridization Buffer | Ŭ |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Post- Capture | No known significant effects or critical hazards. |
| | Primer Mix | Ŭ |
| | SureSelect XT HS Index | No known significant effects or critical hazards. |
| | Primer A01-H02 | 5 |
| | SSel XT HS Cancer All-In- | No known significant effects or critical hazards. |
| | One Lung, 16 Reactions | 5 |
| Mutagenicity : | - | No known significant effects or critical hazards. |
| Mutagenicity : | End Repair-A Tailing | NO KHOWH SIGNIFICANT ENECTS OF CHILCAI NAZARUS. |
| | Enzyme Mix | No known aignificant affacts or critical bazarda |
| | 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 | No known significant effects or critical hazards. |
| | each dNTP) | |
| | Herculase II Fusion DNA | No known significant effects or critical hazards. |
| | Polymerase | |
| | 5X Herculase II Reaction | No known significant effects or critical hazards. |
| | Buffer | |
| | 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 | No known significant effects or critical hazards. |
| | Low Input Blocker Mix | |
| | | 0E/00/0001 |

| | • | |
|-------------------------|---|---|
| | SureSelect Fast Hybridization Buffer | No known significant effects or critical hazards. |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Post- Capture | No known significant effects or critical hazards. |
| | Primer Mix | No known significant enects of childa hazards. |
| | SureSelect XT HS Index | No known significant effects or critical hazards. |
| | Primer A01-H02 | No known significant effects of childa hazards. |
| | SSel XT HS Cancer All-In- | No known agnificant affacts or aritical bazarda |
| | One Lung, 16 Reactions | No known significant effects or critical hazards. |
| 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 | No known significant effects or critical hazards. |
| | each dNTP) | 5 |
| | Herculase II Fusion DNA | No known significant effects or critical hazards. |
| | Polymerase | 5 |
| | 5X Herculase II Reaction | No known significant effects or critical hazards. |
| | Buffer | 0 |
| | 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 | No known significant effects or critical hazards. |
| | Low Input Blocker Mix | |
| | SureSelect Fast | No known significant effects or critical hazards. |
| | Hybridization Buffer | |
| | SureSelect RNase Block | No known significant effects or critical hazards. |
| | SureSelect Post- Capture | No known significant effects or critical hazards. |
| | Primer Mix | - |
| | SureSelect XT HS Index | No known significant effects or critical hazards. |
| | Primer A01-H02 | - |
| | SSel XT HS Cancer All-In- | No known significant effects or critical hazards. |
| | One Lung, 16 Reactions | č |
| | U * | |

Numerical measures of toxicity

| Acute toxicity | <u>estimates</u> |
|----------------|------------------|
|----------------|------------------|

| Product/ingredient name | Oral (mg/ kg) | Dermal (mg/kg) | Inhalation (gases) (ppm) | Inhalation (vapors) (mg/l) | Inhalation (dusts and mists) (mg/l) |
|---|------------------------|-------------------|--------------------------------|----------------------------------|--|
| 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 |
| ate of issue/Date of revision : 04/30/2024 D | Date of previous issue | : 05/2 | 20/2021 | Version | :4 66/72 |

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

Section 11. Toxicological information

| Section 11. Toxicological infor | Section 11. Toxicological information | | | | | |
|--|---------------------------------------|------------|------------|------------|------------|--|
| 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

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

SureSelect RNase Block

Section 12. Ecological information

| <u>Toxicity</u> | | | |
|---------------------------------------|-------------------------------------|--|----------|
| 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 |
| | 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 | Daphnia - <i>Daphnia magna</i> | 48 hours |
| | Acute LC50 509.65 mg/l Fresh water | Fish - <i>Danio rerio</i> | 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 | Daphnia | 48 hours |
| | Acute NOEC 520 mg/l Fresh water | Daphnia | 48 hours |
| Date of issue/Date of revision | : 04/30/2024 Date of previous issue | : 05/20/2021 Version | :4 67 |

| | gical information | | |
|------------------------------------|---|--|----------|
| Hexadecan-1-ol, ethoxylated | Acute LC50 330000 to 1000000 µg/l Marine water | Crustaceans - Crangon crangon - Adult | 48 hours |
| SureSelect Wash Buffer 1 | | | |
| Sodium dodecyl sulphate | Acute EC50 1200 µg/l Marine water | Algae - Skeletonema costatum | 96 hours |
| | Acute LC50 900 µg/l Marine water | Crustaceans - <i>Artemia salina</i> - Adult | 48 hours |
| | Acute LC50 1400 μg/l Fresh water | Daphnia - <i>Daphnia pulex -</i> Neonate | 48 hours |
| | Acute LC50 590 µg/l Fresh water | Fish - Cirrhinus mrigala - Larvae | 96 hours |
| | Chronic NOEC 1.25 mg/l Marine water | Algae - <i>Ulva fasciata</i> - Zoea | 96 hours |
| | Chronic NOEC 1 mg/l Fresh water | Crustaceans - <i>Pseudosida</i> <i>ramosa</i> - Neonate | 21 days |
| | Chronic NOEC 3.2 mg/l Fresh water | 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 | Algae - Skeletonema costatum | 96 hours |
| | Acute LC50 900 µg/l Marine water | Crustaceans - <i>Artemia salina</i> - Adult | 48 hours |
| | Acute LC50 1400 µg/l Fresh water | Daphnia - <i>Daphnia pulex -</i> Neonate | 48 hours |
| | Acute LC50 590 μg/l Fresh water | Fish - Cirrhinus mrigala - Larvae | 96 hours |
| | Chronic NOEC 1.25 mg/l Marine water | Algae - <i>Ulva fasciata</i> - Zoea | 96 hours |
| | Chronic NOEC 1 mg/l Fresh water | Crustaceans - <i>Pseudosida</i> <i>ramosa</i> - Neonate | 21 days |
| | Chronic NOEC 3.2 mg/l Fresh water | Daphnia - <i>Daphnia magna</i> - Neonate | 21 days |
| | Chronic NOEC 0.8 mg/l Fresh water | Fish - Gambusia holbrooki | 28 days |
| SureSelect RNase Block | | | 001 |
| 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 |

Persistence and degradability

| 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 | - | - |
| Date of issue/Date of revision | :04/30/2024 | Date of previous issue | : 05/20/2021 | Version : 4 68/ |

12 Ecological inf . . .

| Section 12. Ecolog | tion 12. Ecological information | | | | | |
|---|--|----------------------------|----------------|---------|--------------------|--|
| 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 | 93 % - 30 days | | - | |
| SSel XT HS Cancer All-In- One Lung, 16 Reactions Glycerol | 301D Ready Biodegradability - Closed Bottle Test | 93 % - 30 days | | - | - | |
| Product/ingredient name | Aquatic half-life | | Photolysis | S | Biodegradability | |
| End Repair-A Tailing Buffer Potassium chloride | - | | - | | Readily | |
| 5X Herculase II Reaction Buffer Trometamol Hexadecan-1-ol, ethoxylated | - | | - | | Readily Readily | |
| SureSelect Wash Buffer 1 Sodium dodecyl sulphate | - | | - | | Readily | |
| SureSelect Wash Buffer 2 Sodium dodecyl sulphate | - | | - | | Readily | |

Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|---|----------------|-----|-------------|
| End Repair-A Tailing Enzyme Mix | | | |
| 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 Hexadecan-1-ol, ethoxylated | -2.31 >6.06 | - | Low High |
| SureSelect Wash Buffer 1 Sodium dodecyl sulphate | -2.03 | - | Low |
| SureSelect Wash Buffer 2 Sodium dodecyl sulphate | -2.03 | - | Low |
| SureSelect RNase Block Glycerol | -1.76 | - | Low |
| SSel XT HS Cancer All-In- One Lung, 16 Reactions | | | |
| Glycerol | -1.76 | - | Low |

Mobility in soil

| Soil/water partition | | | |
|----------------------|-------|--|--|
| coefficient | (Koc) | | |

: Not available.

Other adverse effects

: No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or 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.

Section 14. Transport information

| TDG / IMDG / IATA | : Not regulated. |
|--|---|
| Special precautions for user | : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage. |
| Transport in bulk according to IMO instruments | : Not available. |
| Section 15. Regula | itory information |
| Canadian lists | |
| Canadian NPRI | : None of the components are listed. |
| CEPA Toxic substances | : None of the components are listed. |
| International regulations | |
| Chemical Weapon Conventi | on List Schedules I, II & III Chemicals |
| Not listed. | |
| Montreal Protocol | |
| Not listed. | |
| Stockholm Convention on F Not listed. | Persistent Organic Pollutants |
| | rier Informed Concent (PIC) |
| Rotterdam Convention on P Not listed. | |
| | |
| UNECE Aarhus Protocol on | POPs and Heavy Metals |
| Not listed. | |
| Inventory list | |
| Canada | : Not determined. |

United States : Not determined.

Section 16. Other information

| <u>History</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 HPR = Hazardous Products Regulations IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available UN = United Nations |

Procedure used to derive the classification

112.4

Section 16. Other information

| 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 | |

V 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