

CarrierScan™ Reagent Kit 96 Reactions

Catalog Number 931933

Pub. No. MAN0019463 Rev. A.0

WARNING! Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. Safety Data Sheets (SDSs) are available from thermofisher.com/support.

Product use

Genetic abnormalities, such as copy number and single nucleotide variants (SNVs), are common in several disease states. Population carrier screening studies are performed to identify the relevance of these structural changes and point modifications in DNA. The Applied Biosystems™ Applied Biosystems™ CarrierScan™ 1S Assay is an optimized solution for the detection of rare genetic abnormalities for high throughput applications.

The Applied Biosystems™ CarrierScan™ Reagent Kit is available as a 96-sample format, and includes the reagents that are required to:

- Produce hybridization-ready targets for CarrierScan™ 1S 96F Array Plates.
- Process array plates on the Applied Biosystems™ GeneTitan™ Multi-Channel Instrument.

Ordering information

| Cat. No. | Product name | Description |
|----------|---------------------------------------|-----------------------------------|
| 931933 | CarrierScan™ Reagent Kit 96 Reactions | Sufficient for one 96-array plate |

Instructions for use

For instructions on using this reagent kit, see the following documentation:

- *CarrierScan™ Assay 96-Array Format Automated Workflow User Guide—Biomek™ FXP* (Pub. No. 703478)
- *CarrierScan™ Assay 96-Array Format Automated Workflow User Guide—Applied Biosystems™ NIMBUS™ Instrument* (Pub. No. MAN0017784)
- *CarrierScan™ Assay 96-Array Format Manual Workflow User Guide* (Pub. No. 703481)

Contents and storage

| Module | Storage | Quantity |
|---|----------------|-----------------------------------|
| CarrierScan™ mPCR Module (Part No. 931939) mPCR Primer Mix | -25°C to -15°C | 1 |
| HT Target Prep Module 1 (Part No. 906011) 10X Denat Solution Neutral Solution Water Amp Solution Amp Enzyme | -25°C to -15°C | 1 1 1 1 1 |
| HT Target Prep Module 2-1 (Part No. 906012) Frag Enzyme 10X Frag Buffer Precip Solution 2 Hyb Buffer Hyb Solution 1 | -25°C to -15°C | 1 1 1 1 1 |
| HT Target Prep Module 2-2 (Part No. 906013) Frag Diluent Frag Reaction Stop Precip Solution 1 Resuspension Buffer Hyb Solution 2 | 2°C to 8°C | 1 1 1 1 1 |
| HT Target Prep Module 3-1 (Part No. 906014) Ligate Buffer Ligate Enzyme Ligate Solution 1 Probe Mix 1 Stain Buffer Stabilize Solution | -25°C to -15°C | 1 1 1 1 1 1 |

| Module | Storage | Quantity |
|---|------------------|----------|
| HT Target Prep Module 3-2 (Part No. 906015) | 2°C to 8°C | 1 |
| Ligate Solution 2 | | 1 |
| Probe Mix 2 | | 1 |
| Wash A | | 1 |
| Stain 1-A | | 1 |
| Stain 1-B | | 1 |
| Stain 2-A | | 1 |
| Stain 2-B | | 1 |
| Stabilize Diluent | | 1 |
| Water | | 1 |
| Hold Buffer | | 1 |
| HT Target Prep Wash A (Part No. 906022) | Room temperature | 2 |
| Wash Buffer-A | | |
| HT Target Prep Wash B (Part No. 906023) | Room temperature | 1 |
| Wash Buffer-B | | |
| HT Target Prep Water (Part No. 906020) | Room temperature | 1 |
| Water | | |

Customer and technical support

Visit thermofisher.com/support for the latest service and support information.

- Worldwide contact telephone numbers
- Product support information
 - Product FAQs
 - Software, patches, and updates
 - Training for many applications and instruments
- Order and web support
- Product documentation
 - User guides, manuals, and protocols
 - Certificates of Analysis
 - Safety Data Sheets (SDSs; also known as MSDSs)

Note: For SDSs for reagents and chemicals from other manufacturers, contact the manufacturer.

Limited product warranty

Life Technologies Corporation and/or its affiliate(s) warrant their products as set forth in the Life Technologies' General Terms and Conditions of Sale at www.thermofisher.com/us/en/home/global/terms-and-conditions.html. If you have any questions, please contact Life Technologies at www.thermofisher.com/support.

Related documentation

GeneTitan™ MC Protocol for Axiom™ Array Plate Processing Quick Reference, Pub. No. MAN0017718



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For descriptions of symbols on product labels or product documents, go to thermofisher.com/symbols-definition.

The information in this guide is subject to change without notice.

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