

Guide-it™ CRISPR Genome-Wide Library PCR Kit

Catalog No.

632651

Also sold as part of 632647

Amount

20 rxns

Lot Number

Specified on product label.

Description

The Guide-it CRISPR Genome-Wide Library PCR Kit is designed to be used for NGS library preparation in combination with the Guide-it CRISPR Genome-Wide sgRNA Library System (Takara Bio, Cat. No. 632646). This PCR kit contains all the primers and reagents necessary to amplify sgRNA sequences from the genome of your screened cell population for analysis by NGS. It is also sold as part of the Guide-it CRISPR Genome-Wide sgRNA Library NGS Analysis Kit (Takara Bio, Cat. No. 632647). The full NGS analysis kit additionally contains components necessary for genomic DNA purification and PCR cleanup to prepare sequencing libraries. This kit has enough reagents for 20 PCRs. Please see the Guide-it CRISPR Genome-Wide sgRNA Library System User Manual for full primer sequences.

Package Contents

- 100 µl LVXS P5 primer pool with index 1 (10 µM)
- 100 µl LVXS P7 primer with index 2 (10 µM)
- 100 µl LVXS P7 primer with index 3 (10 µM)
- 100 µl LVXS P7 primer with index 4 (10 µM)
- 100 µl LVXS P7 primer with index 5 (10 µM)
- 30 µl TaKaRa *Ex Taq*® (5 U/µl)
- 500 µl 10X *Ex Taq*™ Buffer (Mg²⁺ plus)
- 400 µl dNTP Mixture (2.5 mM each)

Storage Conditions

- Store at –20°C.

Expiration Date

- Specified on product label.

Shipping Conditions

- Dry ice

Product Documents

Documents for our products are available for download at takarabio.com/manuals

The following documents apply to this product:

- Guide-it CRISPR Genome-Wide sgRNA Library System User Manual

Takara Bio USA, Inc.

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Certificate of Analysis

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Quality Control Data

Primers: All primers were PAGE purified and analyzed by ESI-MS.

Ex Taq PCR test: Efficiency of this product was confirmed by PCR using λ DNA (amplified fragments: 20 kb, 28 kb, and 35 kb) and human genomic DNA (amplified fragment: 17.5 kb) as templates.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

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NOTICE TO PURCHASER:

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

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