

Guide-it™ CRISPR Genome-Wide Library PCR Kit

Catalog No.	Amount	Lot Number
632651 Sold as a part of 632647	20 rxns	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 (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 (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

- -20°C

Shelf Life

- 1 year from date of receipt under proper storage conditions.

Shipping Conditions

- Dry ice (-70°C)

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.

1290 Terra Bella Avenue, Mountain View, CA 94043, USA
U.S. Technical Support: techUS@takarabio.com

United States/Canada 800.662.2566 (120717)	Asia Pacific +1.650.919.7300	Europe +33.(0)1.3904.6880	Japan +81.(0)77.565.6999
--	---------------------------------	------------------------------	-----------------------------

Certificate of Analysis

Guide-it CRISPR Genome-Wide Library PCR Kit

Cat. No. 632651

Sold as a part of 632647

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.

Guide-it™ CRISPR Genome-Wide Library PCR Kit

CATALOG NO.

632651

NOTICE TO PURCHASER:

Our products are to be used for research purposes only. They may not be used for any other purpose, including, but not limited to, use in drugs, in vitro diagnostic purposes, therapeutics, or in humans. 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 prior written approval of Takara Bio USA, Inc.

Your use of this product is also subject to compliance with the licensing requirements listed below and described on the product's web page at <http://www.takarabio.com>. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.

TRADEMARKS:

©2017 Takara Bio Inc. All Rights Reserved.

All trademarks are the property of Takara Bio Inc. or its affiliate(s) in the U.S. and/or other countries or their respective owners. Certain trademarks may not be registered in all jurisdictions.

Takara Bio USA, Inc.

1290 Terra Bella Avenue, Mountain View, CA 94043, USA

U.S. Technical Support: techUS@takarabio.com

United States/Canada

Asia Pacific

Europe

Japan

800.662.2566

+1.650.919.7300

+33.(0)1.3904.6880

+81.(0)77.565.6999

12/8/2017