

## Low Input Library Prep Kit HT

Catalog No.	Amount	Lot Number
634900	96 rxns	Specified on product label.

### Description

The Low Input Library Prep Kit HT provides a highly sensitive, simple, fast, and robust method to generate multiplexed libraries suitable for next-generation sequencing on Illumina® systems from up to 96 samples of fragmented double-stranded DNA (dsDNA), such as the cDNA produced using the SMARTer® Universal Low Input RNA Kit for Sequencing, or one of the SMARTer or SMART-Seq® Ultra® Low kits. The indexes included in this kit are for dual indexing, with sequences identical to the TruSeq® high-throughput indexes from Illumina.

### Package Contents

- 2 x 96 µl Template Preparation Buffer (Red Cap)
- 2 x 48 µl Template Preparation Enzyme (Red Cap)
- 2 x 48 µl Library Synthesis Buffer (Yellow Cap)
- 2 x 48 µl Library Synthesis Enzyme (Yellow Cap)
- 2 x 1.2 ml Library Amplification Buffer (Green Cap)
- 2 x 48 µl Library Amplification Enzyme (Green Cap)
- 192 µl Nuclease-Free Water (Clear Cap)
- 1 plate Dual Index Plate (96D); 5 µl per well

### Storage Conditions

- Store at –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 [www.clontech.com/manuals](http://www.clontech.com/manuals)

The following documents apply to this product:

- Low Input Library Prep Kit HT User Manual

### Quality Control Data

Quality control data were generated by sequencing of pooled (12 index) Covaris-sheared amplified libraries on the Illumina MiSeq® system and analyzing the data from DNAnexus. Estimated library size was  $>4.83 \times 10^7$ , with  $>95\%$  of reads mapped to human reference (hg19) and a  $<0.5\%$  mismatch rate.

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

---

#### Takara Bio USA, Inc.

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

United States/Canada 800.662.2566 (110416)	Asia Pacific +1.650.919.7300	Europe +33.(0)1.3904.6880	Japan +81.(0)77.565.6999
--	---------------------------------	------------------------------	-----------------------------

## Low Input Library Prep Kit HT

### CATALOG NO.

634900

### 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.

### STATEMENT 238

The Low Input Library Prep Kit contains ThruPLEX® technology developed and manufactured by Rubicon Genomics, Inc., Ann Arbor, Michigan, USA and protected by US Patent 7,803,550 and others.

### TRADEMARKS:

Illumina®, MiSeq®, and TruSeq® are trademarks of Illumina, Inc.

ThruPLEX® is a trademark of Rubicon Genomics, Inc.

### ©2016 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](mailto: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

11/4/2016