

PicoPLEX® Single Cell WGA Kit

Catalog Nos.	Amount	Lot Number
R300671	24 rxns	Specified on product label
R300672	96 rxns	Specified on product label

Description

The PicoPLEX Single Cell WGA Kit uses a single-tube protocol developed specifically for reproducible amplification of genomic DNA (gDNA) starting with 1–10 cells or equivalent picogram quantities of isolated gDNA. Cell lysis and whole-genome pre-amplification is followed by amplification with very low background to yield over 9 µg of product in under 3 hours.

Package Contents

<u>R300671</u> (24 rxns)	<u>R300672</u> (96 rxns)	
120 µl	485 µl	Cell Extraction Buffer
120 µl	485 µl	Extraction Enzyme Dilution Buffer
5 µl	20 µl	Cell Extraction Enzyme
120 µl	485 µl	Pre-Amp W Buffer
5 µl	20 µl	Pre-Amp W Enzyme
630 µl	2 x 1,300 µl	Amplification Buffer
25 µl	80 µl	Amplification Enzyme
1,000 µl	4 x 1,000 µl	Nuclease-Free Water

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:

- PicoPLEX Single Cell WGA Kit User Manual

Takara Bio USA, Inc.

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Certificate of Analysis

Cat. Nos. R300671 & R300672

PicoPLEX Single Cell WGA Kit

Quality Control Data

This combination of components has been functionally validated.

Quality Control Testing

Test Parameter	Test Specification	Result
Amplification yield	Average amplified product yield of at least 9 µg from four 15 pg human genomic DNA samples	Pass
Amplification background	Real-time amplification curves from four no-template samples are at least four cycles delayed relative to amplification curves from four 15 pg genomic samples	Pass

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

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CATALOG NOS.

R300671 & R300672

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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STATEMENT 328

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