

## PicoPLEX® Single Cell WGA Kit v3

Catalog Nos.	Amount	Lot Number
R300718	24 rxns	Specified on product label.
R300722	96 rxns	Specified on product label.

### Description

The PicoPLEX Single Cell WGA Kit v3 uses a single-tube protocol developed specifically for the reproducible amplification of genomic DNA (gDNA) starting from 1–10 cells or equivalent picogram quantities of isolated gDNA. Cell lysis and whole genome preamplification is followed by amplification with very low background to yield over 2 µg of product in under 3 hours.

### Package Contents

<u>R300718</u> (24 rxns)	<u>R300722</u> (96 rxns)	
120 µl	485 µl	Cell Extraction Buffer
120 µl	485 µl	Extraction Enzyme Dilution Buffer
10 µl	30 µl	Cell Extraction Enzyme
240 µl	2 x 485 µl	Pre-Amplification Buffer
15 µl	60 µl	Pre-Amplification Enzyme
660 µl	2 x 1,350 µl	Amplification Buffer
35 µl	135 µl	Amplification Enzyme
1,000 µl	4 x 1,000 µl	Nuclease-Free Water

### Storage Conditions

- Store all reagents 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 [takarabio.com/manuals](http://takarabio.com/manuals)  
The following documents apply to this product:

- PicoPLEX Single Cell DNA-Seq Kit v3 User Manual

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#### Takara Bio USA, Inc.

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# Certificate of Analysis

Cat. Nos. R300718, R300722

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## 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 2 µg from five 30-pg human gDNA samples	Pass
Amplification background	Real-time amplification curves from three no-template samples are at least five cycles delayed relative to amplification curves from five 30-pg gDNA samples	Pass

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

## PicoPLEX® Single Cell WGA Kit v3

### CATALOG NOS.

R300718 & R300722

### 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.

Your use of this product is also subject to compliance with the licensing requirements, listed below if applicable, 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 M54

This product is covered by the claims of U.S. Patent Nos. 7,704,713 and its foreign counterparts.

### TRADEMARKS:

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