

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 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 DNA-Seq Kit v3 User Manual

Certificate of Analysis

Cat. Nos. R300718 & R300722

PicoPLEX Single Cell WGA Kit v3

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.

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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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