

PicoPLEX® WGA Kit

Catalog No.
R30050

Amount
50 rxns

Lot Number
Specified on product label.

Description

The PicoPLEX WGA Kit uses a single-tube protocol developed specifically for reproducible amplification of single-copy genomic DNA (gDNA) starting with 1–10 cells or equivalent picogram quantities of isolated gDNA. Cell lysis and library synthesis are followed by amplification with very low background to yield 2–5 µg of product in under 3 hours.

Package Contents

- 250 µl Cell Extraction Buffer
- 240 µl Extraction Enzyme Dilution Buffer
- 10 µl Cell Extraction Enzyme
- 240 µl Pre-Amp Buffer
- 10 µl Pre-Amp Enzyme
- 1,250 µl Amplification Buffer
- 40 µl Amplification Enzyme
- 1,710 µl Nuclease-Free Water

Storage Conditions

- Store at –20°C.

Expiration Date

- Specified on product label.

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:

- PicoPLEX WGA Kit Protocol-At-A-Glance

Takara Bio USA, Inc.

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Certificate of Analysis

Cat. No. R30050

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Quality Control Data

This combination of components has been functionally validated.

Quality Control Testing		
Test parameter	Test specification	Result
Positive amplification yield	Average amplified product yield of at least 2.4 µg from four 15-pg human genomic DNA samples	Pass
NTC amplification background	Average amplified product yield of no greater than 1.2 µg from four NTC samples	Pass
Amplification background	Real-time amplification curves from four no-template samples are at least seven 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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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

This product is protected by U.S. Patents 8,206,913 and corresponding foreign patents. Additional patents are pending. For further license information, please contact a Takara Bio USA licensing representative by email at licensing@takarabio.com.

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