

5X One Step PrimeScript™ III RT-qPCR Kit, ROX plus, GPR

Catalog No.

XU0001

Also sold as a part of 638336

Amount

200 rxns

Lot Number

Specified on product label.

Description

The 5X One Step PrimeScript III RT-qPCR Kit, ROX plus, GPR is a dedicated general-purpose reagent for one-step real-time, probe-based RT-qPCR (using the 5' nuclease method). This 5X premix does not freeze at its storage temperature of -20°C , so a reaction can be started simply by adding the template, primers, and probes to detect the desired target.

5X One Step PrimeScript III RT-qPCR Mix is a highly concentrated mixture, allowing for flexible sample preparation such as working with lower concentration primer sets and larger sample volumes to improve detection limits. This product can be used for various applications, such as gene expression, RNA virus detection, and more.

Package Contents

- 1 x 1 ml 5X One Step PrimeScript III RT-qPCR Mix, ROX plus, GPR
- 2 x 1.5 ml RNase Free H₂O

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](https://www.takarabio.com/manuals)

The following documents apply to this product:

- 5X One Step PrimeScript III RT-qPCR Kit, ROX plus, GPR Protocol-at-a-Glance
- 5X One Step PrimeScript III RT-qPCR Kit, ROX plus, GPR User Manual

Takara Bio USA, Inc.

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Certificate of Analysis

Cat. No. XU0001

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Quality Control Data

PCR test:

1. PCR was performed using the One Step PrimeScript III RT-qPCR kit targeting 16S rDNA, but no specific amplification was observed via gel electrophoresis.
2. Consistent and quantitative detection of the human *GAPDH* gene expression was confirmed with the One Step PrimeScript III RT-qPCR kit using a serial dilution of total RNA as a template. No expression was detected in no-template controls.

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: General Purpose Reagent

This product is a general purpose reagent intended **For Laboratory Use**. Outside of the United States, this product is intended for research use only unless otherwise stated. This product is not intended for a specific application or made for any particular clinical use. The performance characteristics of this product have not been fully established. It is the user's responsibility to validate the performance of the product, and any component thereof, for any particular use. Resale or transfer of this product, any component thereof, or any substance produced through use of this product, or any component thereof, to any third party is expressly forbidden. To obtain additional rights, please contact your local office or go to our website for additional information.

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