

## 5X PrimePath™ Probe qPCR Kit, ROX plus, GPR

Catalog No.	Amount	Lot Number
638350 Also sold as a part of 638348	200 rxns	Specified on product label.

### Description

5X PrimePath Probe qPCR Mix, ROX plus, GPR is a dedicated, general-purpose reagent for real-time, probe-based qPCR (using the 5' nuclease method). This 5X premix does not freeze at its storage temperature of 4°C, so a reaction can be started simply by adding the template sample, primer, and a probe for detecting the desired target.

5X PrimePath Probe qPCR Mix, ROX plus, GPR is a highly concentrated mixture, allowing for flexible sample preparation, such as working with lower concentration primer sets and larger volumes of sample to improve detection limits. This product can be used for various applications such as gene expression, pathogen DNA detection, etc.

### Package Contents

- 1 x 1 ml 5X PrimePath Probe qPCR Mix, ROX plus, GPR
- 3 x 1.5 ml RNase-free H<sub>2</sub>O

### Storage Conditions

- Store at 4°C.

### Expiration Date

- Specified on product label.

### Shipping Conditions

- Blue ice

### 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:

- 5X PrimePath Probe qPCR Kit, ROX plus, GPR Protocol-At-A-Glance

### Quality Control Data

#### 1. Bacterial contamination testing

PCR was performed using the 5X PrimePath Probe qPCR Mix, ROX plus, GPR targeting 16S rDNA, and no specific amplification was observed via gel electrophoresis, indicating that the components are free of bacterial genomic DNA contamination.

#### 2. qPCR testing

Consistent and quantitative detection of human *GAPDH* gene expression was confirmed with the 5X PrimePath Probe qPCR Mix, ROX plus, GPR using a serial dilution of cDNA 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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### CATALOG NO.

638350

### 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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