

PrimePath™ SARS-CoV-2 Assay Mix

Catalog No. 638341 Also sold as a part of 638340	Amount 200 rxns	Lot Number Specified on product label.
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Description

PrimePath SARS-CoV-2 Assay Mix is a 20X mixture of primers and probes targeting the N1 (FAM) and N2 (HEX) regions of the nucleocapsid gene of the SARS-CoV-2 genome and the human RNaseP gene (Cy5). The primers and probes were designed by the CDC and described below:

Name		Sequence
SARS-CoV-2 N1	Forward Primer	5'-GAC CCC AAA ATC AGC GAA AT-3'
	Reverse Primer	5'-TCT GGT TAC TGC CAG TTG AAT CTG-3'
	Probe	5'-FAM-ACC CCG CAT TAC GTT TGG TGG ACC-BHQ1-3'
SARS-CoV-2 N2	Forward Primer	5'-TTA CAA ACA TTG GCC GCA AA-3'
	Reverse Primer	5'-GCG CGA CAT TCC GAA GAA-3'
	Probe	5'-HEX-ACA ATT TGC CCC CAG CGC TTC AG-BHQ1-3'
Human RNase P	Forward Primer	5'-AGA TTT GGA CCT GCG AGC G-3'
	Reverse Primer	5'-GAG CGG CTG TCT CCA CAA GT-3'
	Probe	5'-Cy5-TTC TGA CCT GAA GGC TCT GCG CG-BHQ-2-3'

When diluted to 1X in the reaction, the final concentration of the primers will be 500 nM and the probe will be 200 nM.

Package Contents

- 200 µl PrimePath SARS-CoV-2 Assay Mix (20X)

Storage Conditions

- Store at -20°C
- Protect from light; avoid repeated freezing and thawing

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:

- PrimePath Direct Saliva SARS-CoV-2 Detection Kit User Manual

Certificate of Analysis

PrimePath SARS-CoV-2 Assay Mix

Cat. No. 638341

Sold as a part 638340

Quality Control Data

PCR test:

Consistent and quantitative detection of the SARS-CoV-2 N1 target, the SARS-CoV-2 N2 target, and the human RNaseP target were confirmed with the PrimePath SARS-CoV-2 Assay Mix, using a serial dilution of synthetic SARS-CoV-2 RNA and qPCR human reference total RNA as templates and with One Step PrimeScript™ III RT-qPCR Mix.

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

PrimePath™ SARS-CoV-2 Assay Mix

CATALOG NO.

638341

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.

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