

TaqPath COVID-19 RNase P Combo Kit 2.0

A PCR-based test with an advanced, multi-target assay design and RNase P control for human sample confirmation

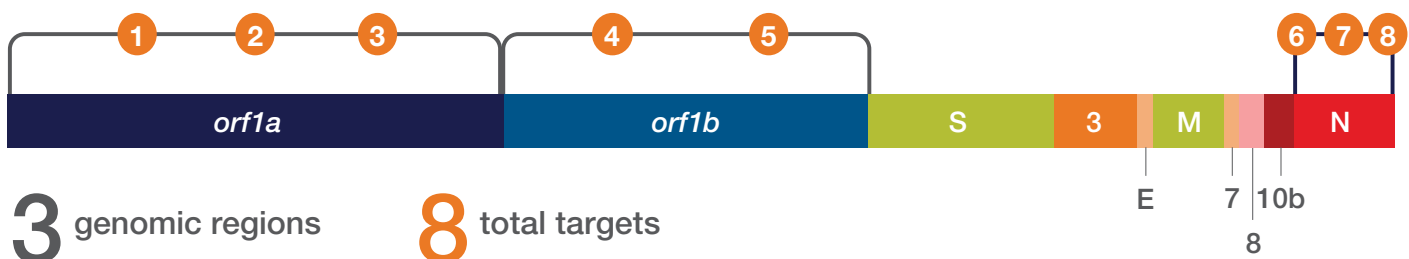
Features include:

- **Human sample confirmation**—the RNase P gene serves as endogenous control to help ensure sample integrity, quality, and extraction
- **Innovative, multi-target assay design**—multiple targets on *orf1a*, *orf1b*, and N genes compensate for emerging SARS-CoV-2 mutations to help provide increased confidence in results

Symptomatic and asymptomatic sensitive detection:

- PCR-based test detects active infections from individuals suspected to have COVID-19 by their health care provider as well as asymptomatic individuals
- Limit of detection of 75 genome copy equivalents (GCE)/mL
- **Affordable and scalable**—add to your existing COVID-19 test menu using some of the most widely used qPCR systems in the world
- **Easier storage**—store your Applied Biosystems™ TaqPath™ COVID-19 RNase P Combo Kit 2.0 at -20°C

Advanced assay design

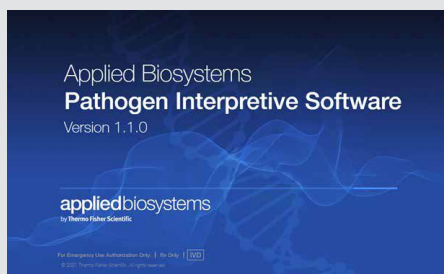
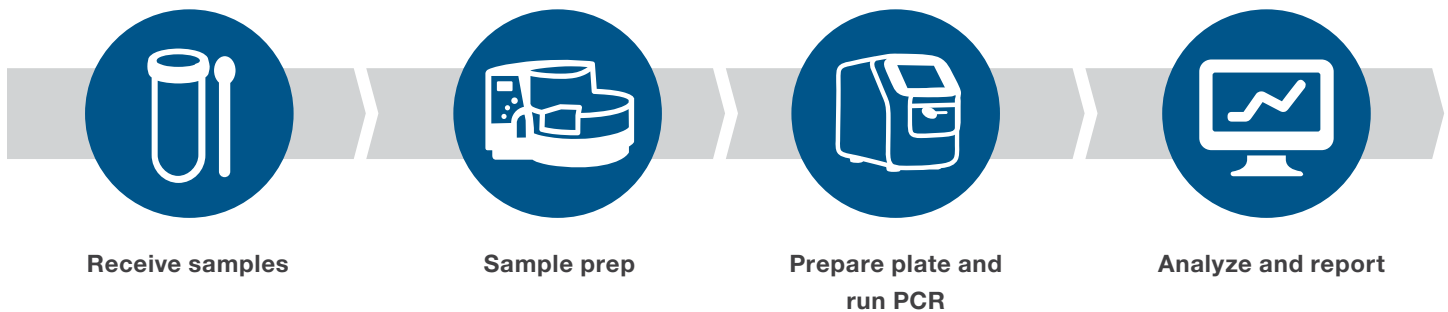


Product details

Parameter	Description
Assay design	8 total targets across 3 genomic regions (<i>orf1a</i> , <i>orf1b</i> , and N gene)
Internal control	RNase P
Sample input	<ul style="list-style-type: none">Nasopharyngeal swab (NPS)Anterior nasal swab
LOD	75 GCE/mL
Approved sample preparation	Thermo Scientific™ KingFisher™ Flex Purification System with Applied Biosystems™ MagMAX™ Viral/Pathogen II Nucleic Acid Isolation Kit
Approved real-time PCR systems	<ul style="list-style-type: none">Applied Biosystems™ QuantStudio™ 5 Real-Time PCR System (96-well, 0.2 mL)Applied Biosystems™ QuantStudio™ 7 Flex Real-Time PCR System (384-well)
Approved software	Applied Biosystems™ Pathogen Interpretive Software (v1.1.0)
Turnaround time	~2 hours (extracted RNA to result)

Workflow

The TaqPath COVID-19 RNase P Combo Kit 2.0 utilizes the workflow below. Go from sample to results in approximately 3 hours.



Simple analysis and reporting

Decrease analysis and interpretation time and help reduce risk of user interpretation error with the Pathogen Interpretive Software.

You may download the software upon kit purchase. Labs following the authorized workflow are required to complete an eLearning course and pass an exam to download. **Follow the instructions below to obtain the software from your local support team:**

- Go to thermofisher.com/contactus
- Select "Technical Support" as category
- Enter product name or Cat. No. and select your country
- Call the local number displayed on the screen

Ordering information

Product	Components	Quantity	Cat. No.
TaqPath COVID-19 RNase P Combo Kit 2.0	TaqPath COVID-19 RNase P RT-PCR Kit 2.0 (1 tube, multiplex assay; 10 tubes, RNase P control)	1,000 rxn	A51333
	TaqPath COVID-19 Plus Control (10 tubes)		
	TaqPath COVID-19 Control Dilution Buffer (1 box with 10 tubes)		
TaqPath 1-Step Multiplex Master Mix (No ROX)	—	1 x 10 mL	A28523

 Find out more at thermofisher.com/covid19evolved

applied biosystems

For Emergency Use Authorization (EUA) Only. For Prescription Use Only. For *In Vitro* Diagnostic Use.

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