

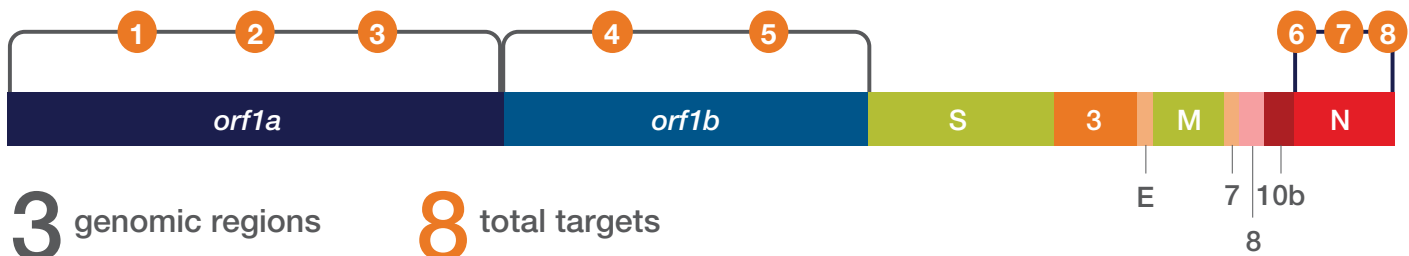
# TaqPath COVID-19 RNase P Combo Kit 2.0

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
- **Sensitive detection**—PCR-based test with a 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**

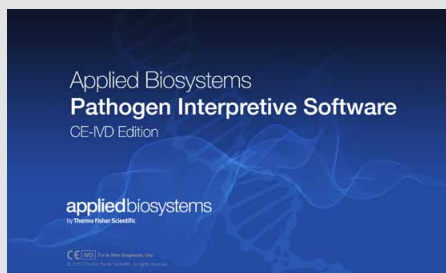
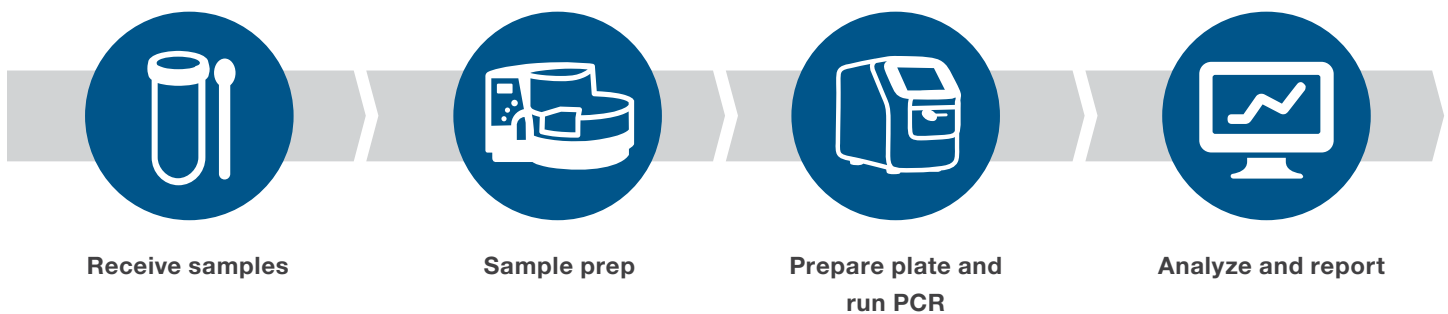


## Product details

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"><li>Nasopharyngeal swab (NPS)</li><li>Anterior nasal swab</li></ul>
LOD	75 GCE/mL
Sample preparation	Applied Biosystems™ MagMAX™ Viral/Pathogen II Nucleic Acid Isolation Kit
Approved real-time PCR systems	<ul style="list-style-type: none"><li>Applied Biosystems™ QuantStudio™ 5 Real-Time PCR System (96-well, 0.2 mL)</li><li>Applied Biosystems™ QuantStudio™ 5 Dx Real-Time PCR System (96-well, 0.2 mL)</li><li>Applied Biosystems™ QuantStudio™ 7 Flex Real-Time PCR System (384-well)</li></ul>
Approved software	Applied Biosystems™ Pathogen Interpretive Software, CE-IVD Edition
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 CE-IVD Edition.

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](https://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	A51334
	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 bottle with 10 mL)		



Find out more at [thermofisher.com/covid19evolved](https://thermofisher.com/covid19evolved)

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