

# TaqMan SARS-CoV-2 Pooling Kit

Analyze more SARS-CoV-2 samples in less time with fewer materials

## What is a pooling workflow?

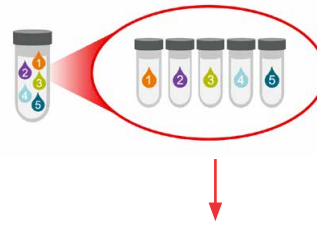
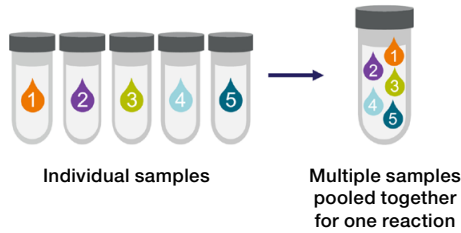
A pooling workflow allows you to analyze multiple samples in a single reaction, helping to save you time, resources, and assay kits.

The Applied Biosystems™ TaqMan® SARS-CoV-2 Pooling Kit is a multiplex real-time PCR-based research solution for detecting the presence of SARS-CoV-2 in a single reaction containing multiple, combined samples.

## Features of the TaqMan SARS-CoV-2 Pooling Kit

- **Increase processing throughput** by analyzing multiple samples in a single reaction
- **Streamline efficiencies** with one kit that may be used for both pooling and deconvolution
- **Benefit from a multi-target assay design** that compensates for emerging SARS-CoV-2 variants and mutations
- **Simplify scaling** your SARS-CoV-2 research by adding to your existing menu and infrastructure

## How does pooling work?



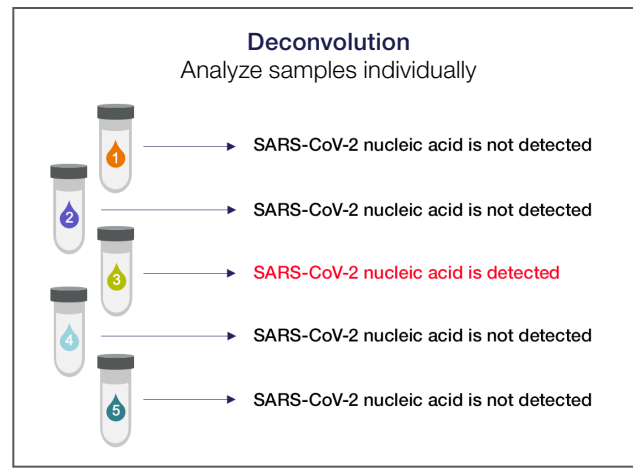
### If SARS-CoV-2 nucleic acid is not detected

If SARS-CoV-2 nucleic acid is not detected in the pooled reaction, this indicates that none of the individual samples contains SARS-CoV-2 nucleic acid.\*

\* Samples are diluted, which could result in less viral genetic material available to detect. The customer is responsible for performing all of the necessary validations to run this assay.

### If pool contains SARS-CoV-2 nucleic acid

To determine which sample contains SARS-CoV-2 nucleic acid, real-time PCR should be performed on each individual sample.



### Recommended sample preparation:

- Applied Biosystems™ MagMAX™ Viral/Pathogen II Nucleic Acid Isolation Kit
- Applied Biosystems™ MagMAX™ Viral/Pathogen Nucleic Acid Isolation Kit
- Thermo Scientific™ KingFisher™ Flex Purification System

### Recommended for use on the following

#### Applied Biosystems real-time PCR instruments:

- Applied Biosystems™ QuantStudio™ 5 Real-Time PCR System (96-well, 0.2 mL block)
- Applied Biosystems™ QuantStudio™ 7 Flex Real-Time PCR System (384-well block)

### Recommended analysis software:

- Applied Biosystems™ QuantStudio™ Design and Analysis Software 2.5 or later

### Ordering information

Product	Quantity	Cat. No.
TaqMan SARS-CoV-2 Pooling Kit	200 reactions	A50790
TaqMan SARS-CoV-2 RNA Control	10 x 10 µL	956118
TaqMan SARS-CoV-2 Control Dilution Buffer	10 x 250 µL	A49889
TaqPath 1-Step Multiplex Master Mix (No ROX)	1 x 10 mL	A28523

See a full list of products for the workflow at [thermofisher.com/covid19poolingruo](https://thermofisher.com/covid19poolingruo)