

Supplying consumables and instruments for SARS-CoV-2 test kits

Your trusted partner when developing SARS-CoV-2 assays

How do you succeed in a supply constrained marketplace with short project timelines and a highly competitive target market?

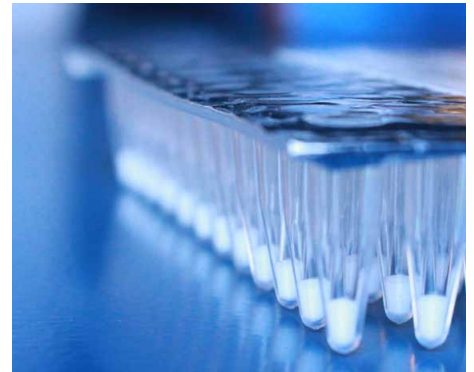
You already know that Thermo Fisher Scientific offers robust, quality products for PCR and real-time PCR, but you may not realize that we can also provide reliable supplies of raw materials for your assay development needs. Manufacturing has been scaled up significantly in order to support supply to our partners all over the world who are using Thermo Fisher Scientific components in their SARS-CoV-2 test kits. Strong safeguards have been put in place to help you reduce risk and avoid delays and setbacks in manufacturing, including:

- Unmatched manufacturing scalability
- World-class supply chain and logistics
- Comprehensive controls over raw materials and processes
- Outstanding quality management system with stringent supplier quality control
- ISO 13485 manufacturing
- Rigorous change control processes
- Global reach

Assay components

Build your assay using our broad range of sample preparation consumables, enzymes, master mixes, assays, and controls.

- Our consumables go through rigorous testing to help ensure lot-to-lot consistency and reproducibility
- Production of the most commonly used qPCR master mix products has been scaled up >300-fold by increasing batch sizes and adding automation
- Several months worth of safety stock has been built up for key qPCR products such as dNTPs, enzymes, and master mixes
- Raw material supply and finished-goods production lines have been added to help reduce the risk of future supply interruptions
- Custom products, bulk reagents, and lyophilization-ready reagents are available to our OEM partners
- Alternative chemistries and technologies are available, including loop-mediated amplification (LAMP), whole genome amplification (WGA), next-generation sequencing (NGS), and capillary electrophoresis (CE)



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Instrumentation

Accelerate adoption of your kit by developing your SARS-CoV-2 assay for use on Applied Biosystems™ instruments.

- qPCR instrument production has increased to meet testing demands
- There are options to place Applied Biosystems instruments at your customers' sites in combination with your assay
- Augmented Reality (AR) and Remote Monitoring services provide end users with contactless troubleshooting by enabling our service personnel to remotely diagnose and proactively respond to instrument issues
- Multiple instruments are available, including the newest Applied Biosystems™ QuantStudio™ 6 and 7 Pro instruments, offering features such as facial authentication, voice commands, and an intuitive interface



Find out more more about how we can support your development journey at thermofisher.com/oem

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