



Solutions for your laboratory in response to the COVID-19 pandemic

Deploying molecular diagnostic tools and testing solutions in the global fight against COVID-19



From the leader in COVID-19 testing—solutions you can trust for the information you need

In a time when getting answers quickly is critical, we've responded with solutions to help keep the world moving forward. We deliver:

- Proven COVID-19 testing solutions for accurate, trusted results
- Reliable supply from a single source for uninterrupted testing
- Worldwide service and support to get, and keep, testing up and running



>50% COVID-19 testing

Performed using technology from Thermo Fisher Scientific



20M COVID-19 tests

Manufacturing capability per week



Gold-standard technology

qPCR-based testing solutions

Partnering with Thermo Fisher

Confidence and peace of mind for COVID-19 lab operations



End-to-end
scalable testing
solutions



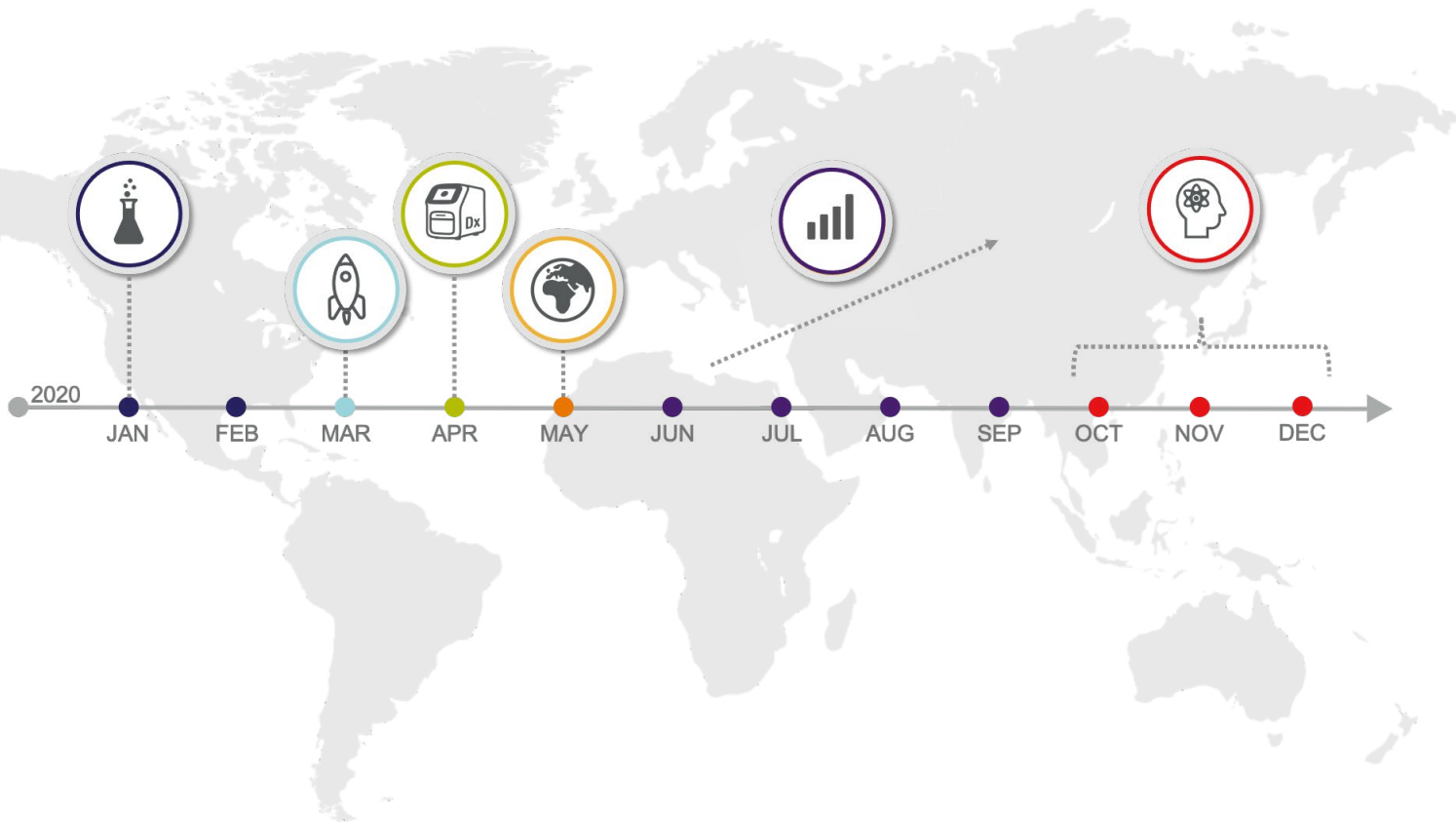
Reliable innovation
and supply chain



Global service
and support



Accelerated COVID-19 testing innovations, launches, and access



Launched RUO assays

- Applied Biosystems™ TaqMan® 2019-nCoV Assay Kit



Launched CE-IVD marked kit

- Applied Biosystems™ TaqPath™ COVID-19 CE-IVD RT-PCR Kit



Expanded authorizations

- Applied Biosystems™ TaqPath™ COVID-19 CE-IVD RT-PCR Kit

– Additional real-time PCR instruments



Global expansion

- Kits distributed in over 175 countries, including efforts for humanitarian aid programs



Scaling production

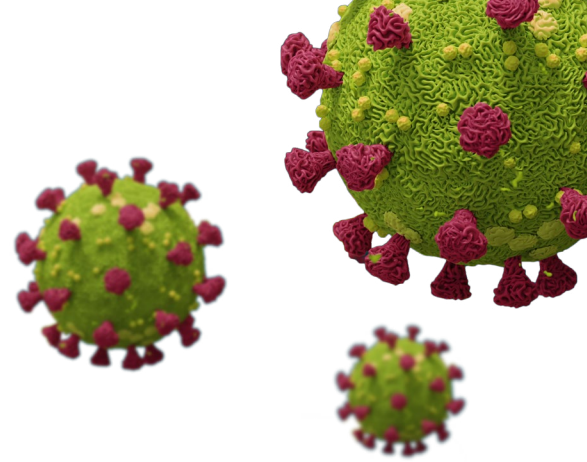
- Ramped up to 20 million tests per week



New products and innovations

- Applied Biosystems™ TaqPath™ COVID-19, Flu A/B, RSV Combo Kit (CE-IVD)

COVID-19 testing solutions: CE-IVD marked



TaqPath COVID-19 CE-IVD RT-PCR Kit

Accessible workflow

- For use across 8 approved Applied Biosystems™ real-time PCR systems
- 6 sample types

Reliable performance

- Consistently high sensitivity and specificity to the SARS-CoV-2 virus

Fast turnaround time

- Recommended workflow in <3 hours



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TaqPath COVID-19, Flu A/B, RSV Combo Kit

Single test

- Detects and differentiates SARS-CoV-2, influenza A/B, and RSV A/B
- Helps diagnose and monitor the spread of these respiratory illnesses

Highly sensitive and specific

- 100% homology to >99.9% of known SARS-CoV-2 genomes*
- Robust performance for detecting influenza A/B and RSV A/B

End-to-end workflow

- Interpretive software to reduce risk of user interpretation error
- Extracted RNA to test result in <2 hours

* Those available as of September 8, 2020.

For *In Vitro* Diagnostic Use. Regulatory requirements vary by country; products may not be available in your geographic area.

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TaqPath COVID-19 HT Kit on Amplitude Platform

The Applied Biosystems™ TaqPath™ COVID-19 HT Kit is intended for use with the Applied Biosystems™ MagMAX™ Viral/Pathogen II Nucleic Acid Isolation Kit, High-Throughput, and is compatible with the Thermo Fisher Scientific™ Amplitude™ Platform to enable a high-throughput workflow for the analysis of up to 8,000 COVID-19 specimens in 24 hours.

This solution can help laboratories quickly scale COVID-19 diagnostic testing to volumes with the piece of mind of a reliable supply of assays and consumables directly from one supplier.

Features include:

- 20,000 reaction kit to maximise specimen throughput
- Approved for use with upper respiratory specimens (nasopharyngeal and nasal swabs)
- Multi-target design to compensate for emerging SARS-CoV-2 variants and mutations
- Can signal the presence of the S gene 69-70del mutation and, potentially, B.1.1.7 (501Y.V1 or UK variant)
- Sensitive and specific to increase confidence in results



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SARS-CoV-2 testing services and support*

AB Platinum Plan

- **98% uptime guarantee****—get the total support that a pandemic demands
- **Qualification service**—documenting that your instruments are performing within manufacturing specifications
- **Priority Technical Support†**—365-day, 24/7 support, including weekends
- **Rapid-response on-site support††**—guaranteed visit from field service engineer the next business day
- **Field application scientist training**—2-hour remote consultation
- **Planned maintenance**—included per requirements

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- **Comprehensive repair coverage**—avoid extended downtime
- **Digital remote support**—on-demand tools and capabilities



* Services may not be available in your geographic region.

** Terms and conditions apply. For complete details, go to thermofisher.com/uptime.

† Priority Technical Support is available in the English language only.

†† Rapid-response on-site support within the next business day is subject to regional availability.

Which COVID-19 testing solution is right for you?

Thermo Fisher solution	Use case	Scalability	Primary testing populations	Stage of infection
TaqPath COVID-19 CE-IVD RT-PCR Kit	Routine diagnostic testing	Multiples of 96- and 384-well systems	General patient testing	Symptomatic populations and surveillance testing
TaqPath COVID-19 HT Kit	High-throughput diagnostic testing with a secured supply of consumables	Up to 8,000 tests per day— not scalable	General patient testing, future screening applications	Symptomatic populations
TaqPath COVID-19, Flu A/B, RSV Combo Kit	Diagnosis and differentiation of symptomatic patients during respiratory virus season	Multiples of 96-well systems	General patient testing	Symptomatic populations



Thermo Fisher Scientific is leading the response to the COVID-19 outbreak

Generating novel high-quality testing solutions at an accelerated pace to address urgent societal needs.

- Involved in more than 50% of global testing
- Proven COVID-19 testing solutions for accurate, trusted results
- Reliable supply from a single source for uninterrupted testing
- Worldwide service and support to get, and keep, testing up and running

And we're continuing to move forward—anticipating evolving testing needs and proactively developing innovative solutions to address future challenges.

Learn more about solutions you can trust for the information you need at [thermofisher.com/covid19](https://www.thermofisher.com/covid19)

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