



Accelerating the work of scientists
and clinicians worldwide.

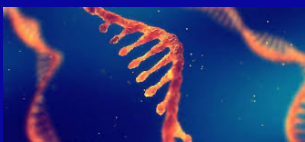
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SARS-CoV-2 High-Throughput Rapid Viral Detection Platform

Our RNA expertise at AccelBio defines a new standard for global diagnostics. AccelBio has designed, developed, and deployed several rapid, high-throughput platforms for pathogen detection in the public domain.

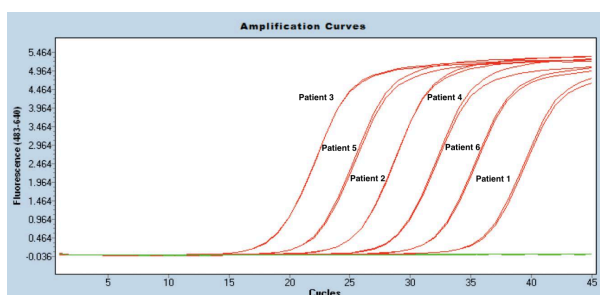
In March 2020 we created a Coronavirus detection platform in the Middle East, where processing times were reduced by over 5-fold to just under 2 hours for ~400 samples. At AccelBio our custom development of robotic platforms has dramatically increased testing while reducing error rates >85%.

AccelBio will provide Rapid Deployment of Diagnostic Testing through:

- Procurement of top-line equipment from US life science equipment manufacturers
- Arrangement for transport, installation, calibration, validation within 2 weeks
- Training on equipment operation and interpretation of diagnostic results
- Consumables purchasing with prioritization within verified US supply channels



Automated liquid handling ensures superior measurement accuracy, reproducibility and precision, effectively increasing result validation and reducing sample contamination errors from mishandling. This translates to reduce sample turnaround times and backlogs, delivering robust results for client outcomes.



Our Staff Will Travel to Global Locations to Install and Train on Site:

- Turn-key solution with best-in-practice scientific and technical operators
- Workflow establishment, consumable organization and inventory management
- Operational training and systems procedural maintenance



- Yields ~400 samples per hour, 2hr per run
- The "Golden Standard" for diagnostics
- >95% sensitivity and accuracy

By utilizing several internal nucleic acid controls through sample processing and molecular amplification, our processes are verified at each step to reduce false negatives and validate the results.

Web: [AccelBio.com](https://www.accelbio.com)