

# Coronavirus Detection and Automation

The AB COVID-19 detection kit, when combined with the VERSA automated liquid handling platform, provides a scalable virus sample processing solution.

The current outbreak of the COVID-19 Coronavirus demands short sample processing times combined with rapid and reliable detection kits. Aurora Biomed's viral diagnostic kits and automated liquid handling platforms provide automated solutions for virus detection.

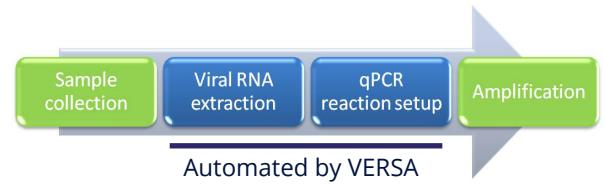
Aurora's VERSA series of liquid handling platforms are compatible with automating most common virus detection workflows.

## COVID-19 virus 2-step detection kit

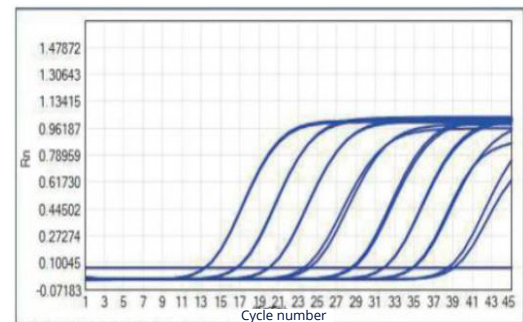
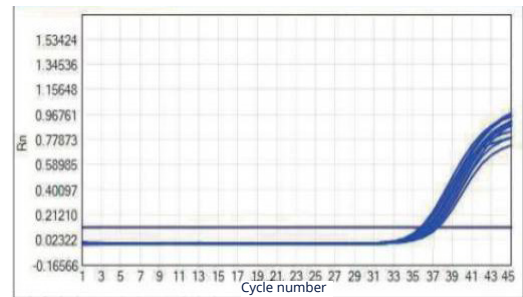
AB COVID-19 2-step virus detection kit has a separate RNA isolation step that is followed by the qPCR reaction set-up (Catalogue # AB-COVID19-2step).

## Detection Kit Information

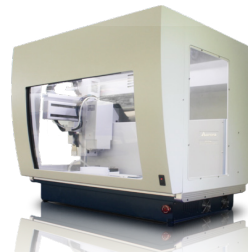
- 200 copies per mL detection limit
- 24 tests per kit
- Target genes: ORF1ab and N gene
- Compatible with sputum, alveolar wash, and pharyngeal swab samples
- Positive control and an internal standard included to monitor test accuracy
- CE and CFDA Certified



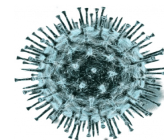
## Detection Kit Sensitivity and Copy Number Range



Virus Detection Kits



VERSA Automated Workstation



Viral Pathogen Detection



## More Automation Solutions:

Genomics - NGS Library Prep, PCR & qPCR, DNA Extractions  
Mass Spectrometry - Sample Prep for MALDI-TOF, LCMS, GCMS  
Forensics - Differential Digestion, Toxicology

Aurora Biomed • [www.aurorabiomed.com](http://www.aurorabiomed.com)  
+1-604-215-8700 • [info@aurorabiomed.com](mailto:info@aurorabiomed.com)