

Coronavirus Detection and Automation

The AB COVID-19 detection kits, when combined with the VERSA automated liquid handling platform provide 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 provides viral diagnostic kits and automated liquid handling platforms to provide automated solutions for virus detection.

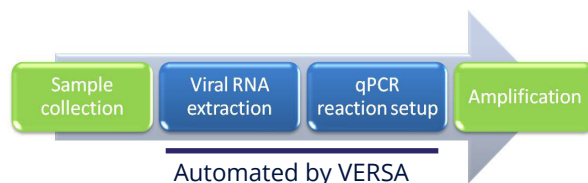
Aurora's VERSA series of liquid handling platforms are compatible with automating most common virus detection workflows.

COVID-19 virus 2-step detection kit

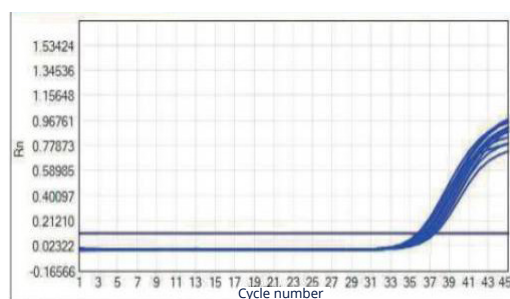
AB COVID-19 **2-step** virus detection kit has a separate RNA isolation step that is followed by the qPCR detection step (Catalogue # AB-COVID19-2step)

Detection kit information

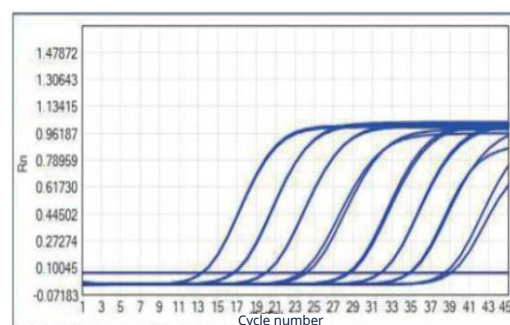
- 200 copies per mL detection limit
- 24 tests per kit
- Target genes: ORF1ab and N gene
- Compatible with sputum, alveolar wash and pharyngeal swab samples
- Positive control and an internal standard to monitor test accuracy are included with kit
- CFDA approved



Detection kit sensitivity and copy number range



Detection limit: 200 copies per mL



Plasmid test linear range: 10²-10⁹ copies per mL



More automation solutions:

Genomics- NGS library prep, PCR, DNA Extraction
Mass Spectrometry- Maldi-tof, LC, GS sample prep
Forensics- Differential Digestion, Toxicology



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