

Coronavirus Detection Solutions

The current Coronavirus (COVID-19) pandemic highlights the need to have the necessary laboratory infrastructure in place to rapidly process and screen potentially infected patient samples. Aurora Biomed's experience working with various viral diagnostic kits and health authorities positions Aurora to provide detection solutions in the area of viral testing.

Aurora offers a number of COVID-19 screening solutions including, CE and CFDA certified COVID-19 detection kits, automated liquid handling platform for virus detection workflows, and a COVID-19 antibody-response rapid test:

COVID-19 Viral Detection Kits

- 200 copies per mL detection limit
- Target genes: ORF1ab and N gene
- Compatible with sputum, alveolar wash and pharyngeal swab samples
- Positive, negative and internal controls to monitor test accuracy
- CE and CFDA certified qPCR detection kits
- Currently under US FDA review
- Currently used in several countries in Europe, Asia, and Africa (including 40 health institutions in China)

Automated Liquid Handling Workstation

These workstations can streamline both viral RNA extraction workflows and qPCR reaction setup.

Compatible with:

- Commercially available COVID-19 detection kits
- Aurora Biomed's AB MagPure Viral RNA Kit
- CE and CFDA certified qPCR detection kits

Benefits :

- Reduces staff exposure risk
- Increases sample throughput
- Reduces the risk of human-introduced error
- Minimizes the risk of cross-contamination

COVID-19 Antibody-Response Rapid Test Kit

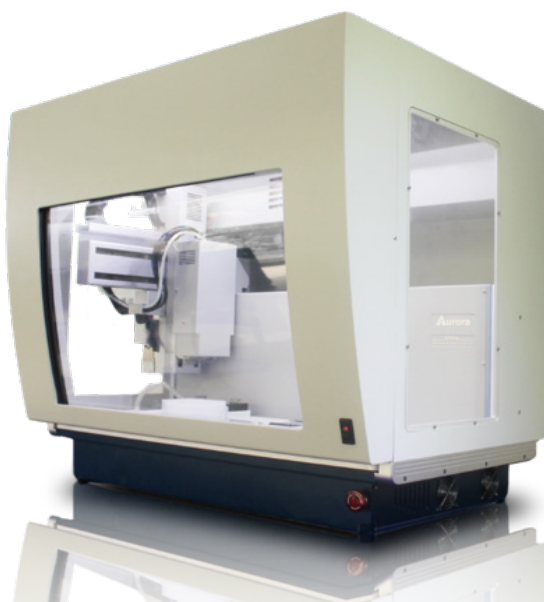
- Qualitative detection of COVID-19 IgM/IgG antibodies in human serum, plasma, or whole blood
- Rapid finger-prick test for coronavirus
- Screen patients and isolate carriers immediately
- Four simple steps with results in under 20 minutes



High throughput- up to 96 samples/run

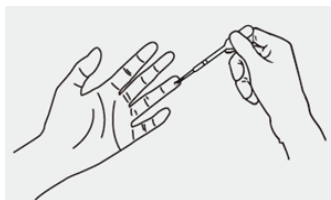
Low-cost- Open to commercially available consumables

AB MagPure Viral RNA isolation kit

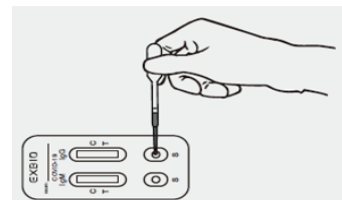


VERSA 1100 Gene Workstation
Automated Sample preparation

AB COVID-19 Antibody-Response Rapid Test
Fast, simple, results in under 20 minutes



1. Collect blood sample



2. Transfer samples to the well and read results after 15 mins