

Coronavirus Detection Solution

The current outbreak of the COVID-19 Coronavirus 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 viral diagnostic kit providers and health authorities to provide automation solutions in the area of viral testing.

Aurora's VERSA series of automated liquid handling platforms are compatible with automating both 1-step and 2-step virus detection workflows.

COVID-19 virus RNA purification methods & kits

- Aurora Biomed's AB MagPure Viral RNA Kit
- CDC recommended methods
- Commercially available magnetic-bead based virus RNA purification kits

COVID-19 virus detection methods & kits

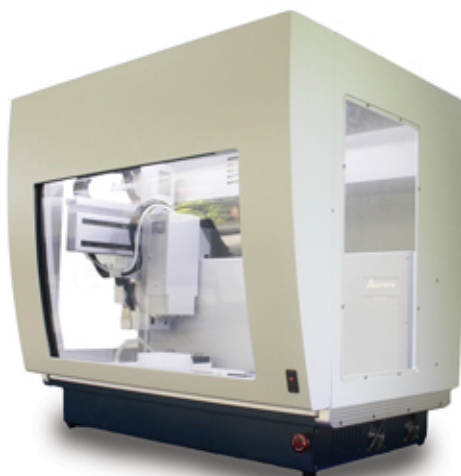
- CDC method
- Commercially available COVID-19 screening kits
- Government prescribed virus screening methods

FEATURES & BENEFITS

- Magnetic Bead Vortex – ensures homogeneous distribution of beads
- ReagentDrop – dispenses bulk reagents such as water and wash buffer without the use of pipette tips
- 96-Tip Aspirator – removes waste from entire plate at once, reducing amount of consumables
- Magnet Module- efficient magnetic bead pull-down
- Shaker- reliable mixing of samples and reagents
- UV HEPA Filtered Hood – protects samples from external contamination
- User-friendly software interface with powerful, easy to use functions

APPLICATIONS

- RNA and DNA extraction
- qPCR reaction setup, both 1-step and 2-step workflows
- Sanger sequencing reaction set-up
- Sample normalization



VERSA 1100 Gene Workstation
Automated Sample Preparation



AB MagPure Viral RNA Isolation Kit
Catalogue # MB7901-1

- **Efficient**- less than 1.5 hour/run
- **High throughput**- up to 96 samples/run
- **Low-cost**- Open to commercially available consumables

