

## MgPure® Universal Pathogen DNA/RNA Extraction on Kingfisher Flex (Magnetic beads-based extraction, Cat# MR6532.A96)

### ➔ KEY ADVANTAGES

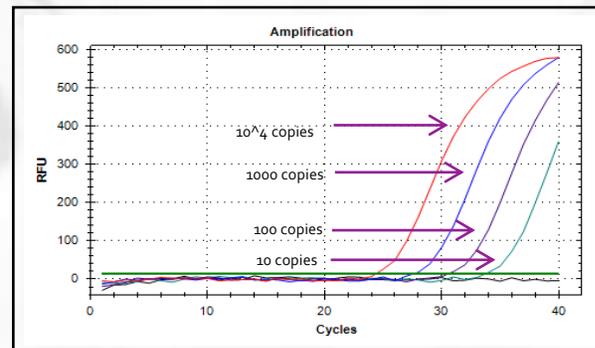
- FDA registered/CE-IVD certified.
  - Clinically validated by CLIA Labs.
  - **Prefilled, ready to add samples.**
  - No tedious setup times.
  - **Save time: The entire procedure takes only 30 minutes.**
  - Fully validated on Kingfisher Flex, IsoPURE 96, Allsheng autopure 96, adaptable on Biomek, Hamilton and other major platforms.
  - **Extracting DNA/RNA from viral, bacterial and fungal.**
  - Kingfisher Flex BDZ file available upon request.
  - Option of bottled reagents for low through put.
- ➔ **High sensitivity**
- 1000 copies /mL, 100% recovery
- ➔ **Suitable sample types**
- Oropharyngeal swabs /aspirates /washes nasopharyngeal swabs /aspirates /washes Bronchoalveolar lavage/ tracheal aspirates /sputum
  - Saliva, stool, and urine
  - Blood, serum and plasma

Sample data 1

qRT-PCR of RNA extracted by MR6532 1,000, 10,000, 100,000, & 1000,000 copies of inactivated COVID-19 viruses were spiked into 500 µL VTM, respectively.

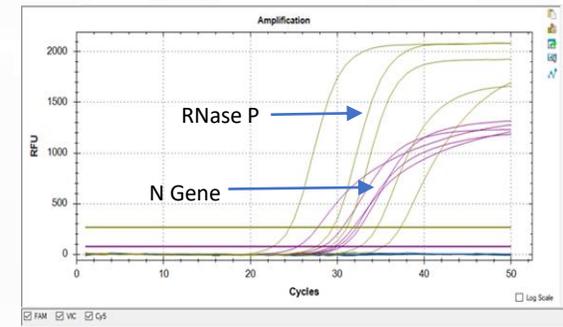
5 µL of RNA from each extraction was subjected to qRT-PCR targeting N gene (Primer/probe set designed by CDC)

Copies/T	Copies/mL	Cq
10	10 <sup>3</sup>	34.54
10	10 <sup>3</sup>	34.73
10	10 <sup>3</sup>	34.38
100	10 <sup>4</sup>	31.48
100	10 <sup>4</sup>	31.46
100	10 <sup>4</sup>	31.29
10 <sup>3</sup>	10 <sup>5</sup>	27.59
10 <sup>3</sup>	10 <sup>5</sup>	27.37
10 <sup>3</sup>	10 <sup>5</sup>	27.71
10 <sup>4</sup>	10 <sup>6</sup>	23.01
10 <sup>4</sup>	10 <sup>6</sup>	22.92
10 <sup>4</sup>	10 <sup>6</sup>	23.12



Sample data 2

COVID-19 qPCR assay of N gene from RNAs purified by MR6532  
(Data provided by a hospital COVID-19 Testing Center)



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for free samples and scheduling a product demo