

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 throughput 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

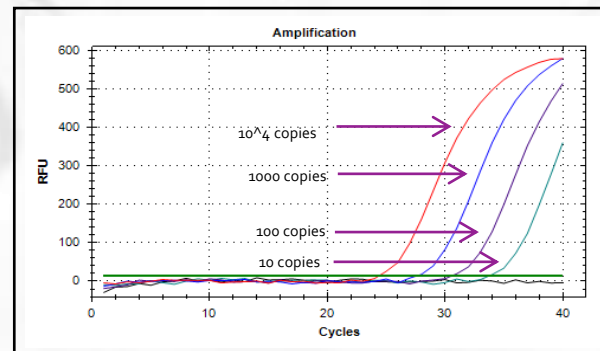
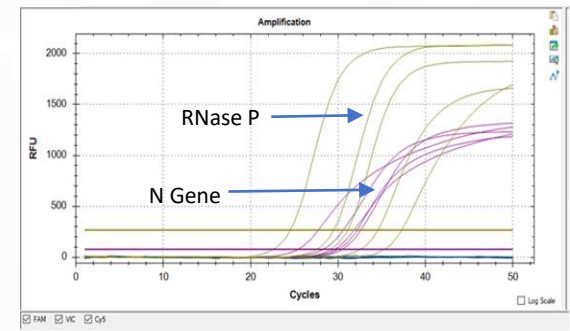
qRT-PCR of RNA extracted by MR6532 1,000, 10,000, 100,000, & 1000,000 copies of inactivated COVID-19 viruses were spiked into 500 µL VTM, respectively.

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 ³	34.54
10	10 ³	34.73
10	10 ³	34.38
100	10 ⁴	31.48
100	10 ⁴	31.46
100	10 ⁴	31.29
10 ³	10 ⁵	27.59
10 ³	10 ⁵	27.37
10 ³	10 ⁵	27.71
10 ⁴	10 ⁶	23.01
10 ⁴	10 ⁶	22.92
10 ⁴	10 ⁶	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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