

## MgPure® Viral RNA EXTRACTION Kit (magnetic beads-based extraction, Cat# MR6532)

- FDA, CE IVD certified
  - Clinically validated by CLIA labs
  - Over 10 millions preps shipped globally
  - Validated on Kingfisher™ Flex, Allsheng autopure 32 and Allsheng autopure 96
  - Compatible with most popular robotic platforms, including Biomek FX, Biomek 3000/400, Hamilton Microlab STAR, and Hamilton MagEx STARlet
  - Prefilled reagents available in 32 and 96 format

### High Sensitivity

- • 1000 copies /mL, 100% recovery

### Suitable sample types

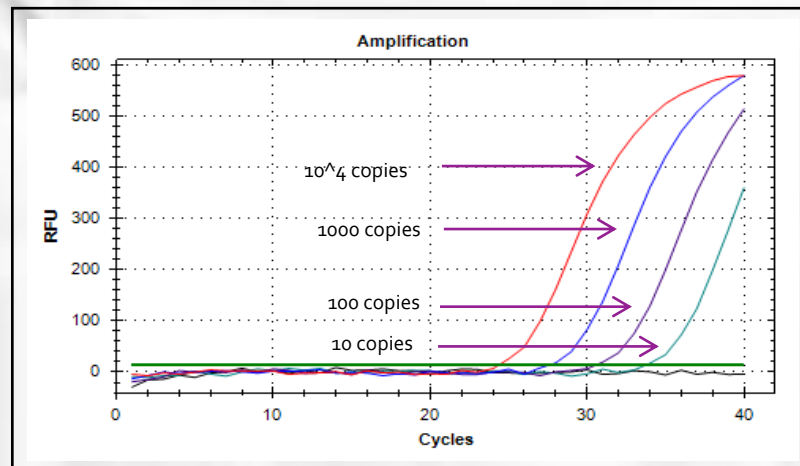
- • Oropharyngeal swabs /aspirates /washes
- Nasopharyngeal swabs /aspirates /washes
- Bronchoalveolar lavage/ tracheal aspirates /sputum

### Sample data 1

qRT-PCR of RNA extracted by VR6532  
1,000, 10,000, 100,000, & 1000,000 copies of inactivated COVID-19 viruses were spiked into 500 µL VTM, respectively.

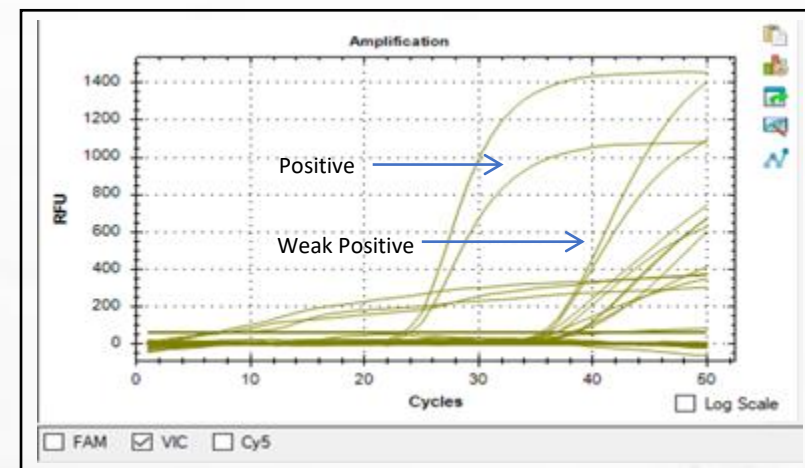
5 µL of RNA from each extraction was subjected to qRT- PCR targeting N gene (N2 Primer/probe set designed by CDC)

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 using RNAs purified by MR6532  
(Data provided by a hospital COVID-19 Testing Center)



## To order

Web: [www.biomiga.com](http://www.biomiga.com)  
Email: [info@biomiga.com](mailto:info@biomiga.com)  
Tel: (858) 597-0602 or  
toll free (866) 668-1698

Biomiga, Inc  
10637 Roselle Street, Suite C,  
San Diego, CA 92121 USA  
©2021 all rights reserved