

# CERTIFICATE OF ANALYSIS

## 2019-nCoV-Panel2 Pseudovirus

### Product information

Name	2019-nCoV-Panel2 Pseudovirus
Catalog No.	CBV30030
Lot No.	CGD2020090312
Format	Virus
Gene	Gene N, ORF1ab/RdRP
Sequence	<p>Gene N (1260bp):</p> <p>ATGTCTGATAATGGACCCCAAATCAGCGAAATGCACCCCGCA  TTACGTTTGGTGGACCCTCAGATTCAACTGGCAGTAACCAGAA  TGGAGAACGCAGTGGGGCGCGATCAAACAACGTCCGGCCCA  AGGTTTACCCAATAATACTGCGTCTTGGTTCACCGCTCTCACTC  AACATGGCAAGGAAGACCTTAAATTCCCTCGAGGACAAGGCGT  TCCAATTAACACCAATAGCAGTCCAGATGACCAAATTGGCTAC  TACCGAAGAGCTACCAGACGAATTCGTGGTGGTGACGGTAAAA  TGAAAGATCTCAGTCCAAGATGGTATTTCTACTACCTAGGAAC  TGGGCCAGAAGCTGGACTTCCCTATGGTGCTAACAAAGACGGC  ATCATATGGGTTGCAACTGAGGGAGCCTTGAATACACCAAAG  ATCACATTGGCACCCGCAATCCTGCTAACAATGCTGCAATCGT  GCTACAACCTCCTCAAGGAACAACATTGCCAAAAGGCTTCTAC  GCAGAAGGGAGCAGAGGGCGGCAGTCAAGCCTCTTCTCGTTCT  CATCACGTAGTCGCAACAGTTCAAGAAATTCAACTCCAGGCAG  CAGTAGGGGAACTTCTCCTGCTAGAATGGCTGGCAATGGCGGT  GATGCTGCTCTTGCTTTGCTGCTGCTTGACAGATTGAACCAGCT  TGAGAGCAAAATGTCTGGTAAAGGCCAACAAACAAGGCCA  AACTGTCACTAAGAAATCTGCTGCTGAGGCTTCTAAGAAGCCT  CGGCAAAAACGTACTGCCACTAAAGCATACAATGTAACACAA  GCTTTCGGCAGACGTGGTCCAGAACAACCCAAGGAAATTTG  GGGACCAGGAATAATCAGACAAGGAACTGATTACAAACATT  GGCCGCAAATTGCACAATTTGCCCCAGCGCTTCAGCGTTCTTC  GGAATGTCGCGCATTGGCATGGAAGTCACACCTTCGGGAACGT  GGTTGACCTACACAGGTGCCATCAAATTGGATGACAAAGATCC  AAATTTCAAAGATCAAGTCATTTTGTGCTGAATAAGCATATTGAC  GCATACAAAACATTCCCACCAACAGAGCCTAAAAAGGACAAA  AAGAAGAAGGCTGATGAACTCAAGCCTTACCGCAGAGACAG  AAGAAACAGCAAACCTGTGACTCTTCTTCCCTGCTGCAGATTGG  ATGATTTCTCAAACAATTGCAACAATCCATGAGCAGTGCTGA  CTCAACTCAGGCCTAA</p> <p>ORF1ab/RdRP (2995bp)</p> <p>GTTGTCTGTAAGTCCGTTGCCACATAGATCATCAAATCCTAAA  GGATTTTGTGACTTAAAAGGTAAGTATGTACAAATACCTACAA</p>

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TGAGGCTATGTACACACCCGCATACAGTCTTACAG
  
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NCBI No.	NC_045512.2
Buffer	1xPBS
Storage Conditions	-80°C
Date of Manufacture	09.03.2020
Expiry	12 months from the date of manufacture


## Quality Control

Test Items	Standard	Results	Passed
Quantity	1ml/vial*1vial	1ml/vial*1vial	√
N Copy Number	>1x10 <sup>7</sup> copies/ml (DdPCR)	1.84x10 <sup>7</sup> copies/ml	√
ORF1ab/RdRP Copy Number	>1x10 <sup>7</sup> copies/ml (DdPCR)	2.48x10 <sup>7</sup> copies/ml	√
DNA Residue	<1% (DdPCR)	0.69% (ORF1ab/RdRP) 0.90% (Gene N)	√

### Caution:

For research use only.

If you have any questions about the Certificate of Analysis, please contact us.

Certified by:  Date:\*\*\*\*