

CERTIFICATE OF ANALYSIS

2019-nCoV-Panel2 Pseudovirus

Product information

Name	2019-nCoV-Panel2 Pseudovirus
Catalog No.	CBV30030
Lot No.	CGD2021052412
Format	Virus
Gene	Gene N, ORF1ab/RdRP
Sequence	<p>Gene N (1260bp):</p> <p>ATGTCTGATAATGGACCCCAAATCAGCGAAATGCACCCCGCA TTACGTTTGGTGGACCCTCAGATTCAACTGGCAGTAACCAGAA TGGAGAACGCAGTGGGGCGCGATCAAACAACGTTCGGCCCCA AGGTTTACCCAATAATACTGCGTCTTGGTTCACCGCTCTCACTC AACATGGCAAGGAAGACCTTAAATTCCCTCGAGGACAAGGCGT TCCAATTAACACCAATAGCAGTCCAGATGACCAAATTGGCTAC TACCGAAGAGCTACCAGACGAATTCGTGGTGGTGACGGTAAAA TGAAAGATCTCAGTCCAAGATGGTATTTCTACTACCTAGGAAC TGGGCCAGAAGCTGGACTTCCCTATGGTGCTAACAAAGACGGC ATCATATGGGTTGCAACTGAGGGAGCCTTGAATACACCAAAG ATCACATTGGCACCCGCAATCCTGCTAACAATGCTGCAATCGT GCTACAACCTCCTCAAGGAACAACATTGCCAAAAGGCTTCTAC GCAGAAGGGAGCAGAGGGCGGCAGTCAAGCCTCTTCTCGTTTCT 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>

CTTGTGCTAATGACCCTGTGGGTTTTACACTTAAAAACACAGTC
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 CTTACTAATGATAACACTTCAAGGTATTGGGAACCTGAGTTTTA
 TGAGGCTATGTACACACCCGCATACAGTCTTACAG

NCBI No.	NC_045512.2
Buffer	1xPBS
Storage Conditions	-80°C
Date of Manufacture	05.24.2021
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 ⁷ copies/ml (DdPCR)	6.2x10 ⁷ copies/ml	√
ORF1ab/RdRP Copy Number	>1x10 ⁷ copies/ml (DdPCR)	2.0x10 ⁷ 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:****