

CERTIFICATE OF ANALYSIS

SARS-Panel Pseudovirus Standard Reference

Product information

Name	SARS-Panel Pseudovirus Standard Reference
Catalog No.	CBV30024
Lot No.	CGD2020042501
Format	Virus
Gene	ORF1ab/RdRP (2795bp) 、 Gene M (666bp) 、 Gene N (1269bp) 、 Gene E (231bp)
Sequence	<p>ORF1ab/RdRP:</p> <p>TCTGCGGATGCATCAACGTTTTTTAAACGGGTTTGCGGTGTAAAGTGCAGCCCGTCTTACAC CGTGCGGCACAGGCACTAGTACTGATGTCGCTACAGGGCTTTTGATATTTACAACGAAA AAGTTGCTGGTTTTGCAAAGTTCCATAAACTAATTGCTGTCGCTTCCAGGAGAAGGATG AGGAAGGCAATTTATTAGACTCTTACTTTGTAGTTAAGAGGCATACTATGTCTAACTACC AACATGAAGAGACTATTTATAACTTGGTTAAAGATTGTCCAGCGGTTGCTGCCATGACT TTTTCAAGTTTAGAGTAGATGGTGACATGGTACCACATATATCACGTCAGCGTCTAACTA AATACACAATGGCTGATTTAGTCTATGCTCTACGTCATTTTGATGAGGGTAATTGTGATA CATTAAAAGAAATACTCGTCACATAACAATTGCTGTGATGATGATTATTTCAATAAGAAGG ATTGGTATGACTTCGTAGAGAATCCTGACATCTTACGCGTATATGCTAACTTAGGTGAGC GTGTACGCCAATCATTATTAAGACTGTACAATTCTGCGATGCTATGCGTGATGCAGGCA TTGTAGGCGTACTGACATTAGATAATCAGGATCTTAATGGGAAGTGGTACGATTTCCGGTG ATTTTCGTACAAGTAGCACCAGGCTGCGGAGTTCCATTGTGGATTCAATTACTCATTGC TGATGCCCATCCTCACTTTGACTAGGGCATTGGCTGCTGAGTCCCATATGGATGCTGATC TCGCAAACCCTTATTAAGTGGGATTTGCTGAAATATGATTTTACGGAAGAGAGACTTT GTCTCTTCGACCGTTATTTTAAATATTGGGACCAGACATAACCATCCCAATGTATTAAC GTTTGGATGATAGGTGTATCCTTCATTGTGCAAACCTTAAATGTGTTATTTTCTACTGTGT TTCCACCTACAAGTTTTGGACCACTAGTAAGAAAAATATTTGTAGATGGTGTCTCTTTTG TTGTTTCAACTGGATAACCATTTTCGTGAGTTAGGAGTCGTACATAATCAGGATGTAACT TACATAGCTCGCGTCTCAGTTTCAAGGAACCTTTAGTGTATGCTGCTGATCCAGCTATGC ATGCAGCTTCTGGCAATTTATGCTAGATAAACGCACTACATGCTTTTTCAGTAGCTGCAC TAACAAACAATGTTGCTTTTCAAAGTGTCAAACCCGGTAATTTTAATAAAGACTTTTATG ACTTTGCTGTGTCTAAAGGTTCTTTAAGGAAGGAAGTCTGTTGAACTAAAACACTTCT TCTTTGCTCAGGATGGCAACGCTGCTATCAGTGATTATGACTATTATCGTTATAATCTGC CAACAATGTGTGATATCAGACAACCTCCTATTCGTAGTTGAAGTTGTTGATAAATACTTTG ATTGTTACGATGGTGGCTGTATTAATGCCAACCAAGTAATCGTTAACAACTCGGATAAAT CAGCTGGTTTCCATTTAATAAATGGGGTAAGGCTAGACTTTATTATGACTCAATGAGTT ATGAGGATCAAGATGCACTTTTCGCGTATACTAAGCGTAATGTCATCCCTACTATAACTC AAATGAATCTTAAGTATGCCATTAGTGCAAAGAATAGAGCTCGCACCGTAGCTGGTGTCT</p>

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CCACTAGAGGAGCTACTGTGGTAATTGGAACAAGCAAGTTTTACGGTGGCTGGCATAATA
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Gene M:

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CAGTAA

Gene N:

ATGTCTGATAATGGACCCCAATCAAACCAACGTAGTGCCCCCGCATTACATTTGGTGG
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 CAGGCATAA

Gene E:

ATGTACTCATTGTTTTCGGAAGAAACAGGTACGTTAATAGTTAATAGCGTACTTCTTTTT
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 GCGTACTGCTGCAATATTGTTAACGTGAGTTTAGTAAAACCAACGGTTTACGTCTACTCG
 CGTGTTAAAAATCTGAACTCTTCTGAAGGAGTTCTGATCTTCTGGTCTAA

NCBI No.	NC_004718.3
Buffer	1xPBS
Storage Conditions	-80°C
Date of Manufacture	04.25.2020
Expiry	12 months from the date of manufacture

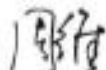
Quality Control

Test Items	Standard	Results	Passed
Quantity	1ml/vial*1vial	1ml/vial*1vial	√
ORF1ab Copy Number	>1x10 ⁷ copies/ml	>1x10 ⁷ copies/ml	√
Gene N Copy Number	>1x10 ⁷ copies/ml	>1x10 ⁷ copies/ml	√
Gene M Copy Number	>1x10 ⁷ copies/ml	>1x10 ⁷ copies/ml	√
Gene E Copy Number	>1x10 ⁷ copies/ml	>1x10 ⁷ copies/ml	√

Caution:

For research use only.

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

Certified by:  Date:****