

CERTIFICATE OF ANALYSIS

MERS-Panel2 Pseudovirus Standard Reference

Product information

Name	MERS-Panel2 Pseudovirus Standard Reference
Catalog No.	CBV30033
Lot No.	CGD2020120313
Format	Virus
Gene	ORF1ab/RdRP(2798bp)、Gene N(1242bp)
Sequence	<p>ORF1ab/RdRP(2798bp):</p> <p>TCTAAAGATTCCAATTTTTTAAACGAGTCCGGGGTTCTATTGTAAATGCCCGAATAGAAC CCTGTTCAAGTGGTTTGTCCACTGATGTCGTCCTTAGGGCATTGACATCTGCAACTATA AGGCTAAGGTTGCTGGTATTGAAAATACTACAAGACTAATACTTGTAGGTTTGTAGAAT TAGATGACCAAGGGCATCATTTAGACTCCTATTTTGTGCGTTAAGAGGCATCTATGGAGA ATTATGAAGTAGAGAAGCACTGTTACGACTTGTACGTGACTGTGATGCTGTAGCTCCCC ATGATTTCTTCATCTTTGATGTAGACAAAGTAAAACACCTCATATTGTACGTCAGCGTT TAACTGAGTACACTATGATGGATCTTGTATATGCCCTGAGGCACTTTGATCAAAAATAGCG AAGTGCTTAAGGCTATCTTAGTGAAGTATGGTTGCTGTGATGTTACCTACTTTGAAAATA AACTCTGGTTTGATTTTGTGAAAATCCCAGTGTATTGGTGTATTATCATAAACTTGGAG AACGTGTACGCCAAGCTATCTTAAACACTGTTAAATTTTGTGACCACATGGTCAAGGCTG GTTTAGTCCGGTGTGCTCACACTAGACAACCAGGACCTTAATGGCAAGTGGTATGATTTTG GTGACTTCGTAATCACTCAACCTGGTTCAGGAGTAGCTATAGTTGATAGCTACTATTCTT ATTTGATGCCTGTGCTCTCAATGACCGATTGTCTGGCCGCTGAGACACATAGGGATTGTG ATTTTAATAAACCACTCATTGAGTGGCCACTTACTGAGTATGATTTTACTGATTATAAGG TACAACCTTTGAGAAGTACTTTAAATATTTGGGATCAGACGTATCAGCAAATTCGTTA ATTGTACTGATGACCGTTGTGTGTACATTGTGCTAATTTCAATGATTGTTTGTCTATGA CCATGCCTAAGACTTGTTTTCGGACCCATAGTCCGAAAGATCTTTGTTGATGGCGTGCCAT TTGTAGTATCTTGTGGTTATCACTACAAAGAATTAGGTTTAGTCATGAATATGGATGTTA GTCTCCATAGACATAGGCTCTCTCTTAAGGAGTTGATGATGTATGCCGCTGATCCAGCCA TGCACATTGCCCTCCTTAACGCTTTTCTTGATTTGAGGACATCATGTTTTAGTGTGCGCTG CACTTACAACCTGGTTTGACTTTTCAAACCTGTGCGGCCTGGCAATTTTAAACCAAGACTTCT ATGATTTTCGTGGTATCTAAAGGTTTCTTTAAGGAGGGCTCTTCAGTACGCTCAAACATT TTTTCTTTGCTCAAGATGGTAATGCTGCTATTACAGATTATAAATACTATTCTTATAATC TGCCACTATGTGTGACATCAAACAAATGTTGTTCTGCATGGAAAGTTGTAACCAAGTACT TCGAAATCTATGACGGTGGTTGTCTTAATGCTTCTGAAGTGGTTGTTAATAAATTTAGACA AGAGTGCTGGCCATCCTTTTAATAAGTTTGGCAAAGCTCGTGTCTATTATGAGAGCATGT CTTACCAGGAGCAAGATGAACCTTTTGGCCATGACAAAGCGTAACGTCATTCTACCATGA CTCAAATGAATCTAAAATATGCTATTAGTGTGTAAGAATAGAGCTCGCACTGTTGCAGGCG TGTCCATACTTAGCACAATGACTAATCGCCAGTACCATCAGAAAAATCGTTAAGTCCATGG CTGCAACTCGTGGAGCGACTTGCCTCATTGGTACTACAAAGTTCTACAGGCTGGGATT TCATGCTTAAAACATTGTACAAAGATGTTGATAATCCGCATCTTATGGGTTGGGATTACC CTAAGTGTGATAGAGCTATGCCAATATGTGTAGAATCTTCGCTTCACTCATATTAGCTC GTAAACATGGCACTTGTGTACTACAAGGACAGATTTTATCGCTTGGCAAATGAGTGTG CTCAGGTGCTAAGCGAATATGTTCTATGTGGTGGTGGTTACTACGTCAAACCTGGAGGTA CCAGTAGCGGAGATGCCACCACTGCATATGCCAATAGTGTCTTTAACATTTTGCAGGCGA CAACTGCTAATGTCAGTGCCTTATGGGTGCTAATGGCAACAAGATTGTTGACAAAGAAG TTAAGACATGCAGTTTGTATTGTATGTCAATGTTTACAGGAGCACTAGCCCAGACCCCA AATTTGTTGATAAATACTATGCTTTTCTTAATAAGCACTTTTCTATGATGATACTGTCTG ATGACGGTGTGCTTTGCTATAAATAGTATTATGCAGCTAAGGTTACATTGCTGGAATAC AGAATTTTAAGGAAACGCTGTATTATCAGAACAAATGTCTTTATGTCTGAAGCTAAATGCT GGGTGGAAACCGATCTGAAGAAAGGGCCACATGAATTTCTGTTTACAGCATACGCTTTATA TTAAGGATGGCGACGATGGTTACTTCCTTCTTATCCAGACCCTTCAAGAAATTTGTCTG CCGGTTGCTTTGTAGATGATATCGTTAAGACTGACGGTACACTCATGGTAGAGCGGTTTG</p>

TGTCCTTTGGCTATAGATGCTTACCCTCTCACAAAGCATGAAGATATAGAATACCAGAATG
 TATTCTGGGTCTACTTACAGTATATAGAAAACTGTATAAAGACCTTACAGGACACATGC
 TTGACAGTTATTCTGTATGCTATGTGGTGATAATTCTGCTAAGTTTTGGGAAGAGGCAT
 TCTATAGAGATCTCTATAGTTTCGCCTACCCTTTGCAG

Gene N(1242bp):

ATGGCATCCCCCTGCTGCACCTCGTGTCTTTCTTTGCCGATAACAATGATATAACAAT
 ACAAACCTATCTCGAGGTAGAGGACGTAATCCAAAACCACGAGCTGCACCAAATAACACT
 GTCTCTTGGTACACTGGGCTTACCCAACACGGGAAAGTCCCTCTTACCTTTCCACCTGGG
 CAGGGTGTACTCTTAATGCCAATTCTACCCTGCGCAAAATGCTGGGTATGGCGGAGA
 CAGGACAGAAAAATTAATACCGGAATGGAAATTAAGCAACTGGCTCCCAGGTGGTACTTC
 TACTACACTGGAATGGACCCGAAGCAGCACTCCCATTCCGGGTGTTAAGGATGGCATT
 GTTTGGGTCCATGAAGATGGCGCCACTGATGCTCCTTCACTTTTGGGACGCGGAACCCCT
 AACAAATGATTAGCTATTGTTACACAATTCGCGCCCGGTACTAAGCTTCTAAAAACTTC
 CACATTGAGGGGACTGGAGGCAATAGTCAATCATCTTCAAGAGCCTCTAGCTTAAGCAGA
 AACTCTTCCAGATCTAGTTCACAAGGTTCAAGATCAGGAACTCTACCCGCGGCACTTCT
 CCAGGTCCATCTGGAATCGGAGCAGTAGGAGGTGATCTACTTTACCTTGATCTTCTGAAC
 AGACTACAAGCCCTTGAGTCTGGCAAAGTAAAGCAATCGCAGCCAAAAGTAATCACTAAG
 AAAGATGCTGCTGCTGCTAAAAATAAGATGCGCCACAAGCGCACTTCCACCAAAAAGTTTC
 AACATGGTGCAAGCTTTTGGTCTTCGCGGACCAGGAGACCTCCAGGGAACTTTGGTGAT
 CTTCAATTGAATAAACTCGGCACTGAGGACCCACGTTGGCCCCAAATTTGCTGAGCTTGCT
 CCTACAGCCAGTGCTTTTATGGGTATGTGCAATTTAACTTACCCATCAGAACAATGAT
 GATCATGGCAACCCTGTGTACTTCTTCCGTACAGTGGAGCCATTAACCTTGACCCAAAG
 AATCCCAACTACAATAAGTGGTTGGAGCTTCTTGAGCAAAATATTGATGCCACAAAACC
 TTCCCTAAGAAGGAAAAGAAACAAAAGGCACCAAAAAGAAGAATCAACAGACCAAAATGTCT
 GAACCTCCAAGGAGCAGCGTGTGCAAGGTAGCATCACTCAGCGCACTCGCACCCGTCCA
 AGTGTTTCAGCCTGGTCCAATGATTGATGTTAACACTGATTAG

NCBI No.	NC_019843.3
Buffer	1xPBS
Storage Conditions	-80°C
Date of Manufacture	12.03.2020
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	√

Caution:

For research use only.

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

Certified by:  Date:****