

Product Data Sheet

Product: Epitope Mapping Peptide Set (EMPS) HCoV-NL63 (Spike Glycoprotein)
Product code: EMPS-NL63-S-1
Content: 52 Matrix Pools according to the matrix indicated in annotations. Each peptide is present in two different pools. 337 individual overlapping peptides spanning the whole antigen.
Source: Human Coronavirus (HCoV)
 Spike glycoprotein
Protein ID: Q6Q1S2, release 2019_12
Gene ID: S
No. of peptides: 337 peptides
Amount: Approx. 5 µg / peptide as individual peptide and in matrix pools
Length: 1356 aa

Sequence:

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MKLFLIILLVL PLASCFFTCN SNANLSMLQL GVPDNSSTIV TGLLPTHWFC ANQSTSVYSA
NGFFYIDVGN HRSAFALHTG YYDANQYYIY VTNEIGLNAS VTLKICKFSR NTTDFDLSNA
SSSFDCIVNL LFTEQLGAPL GITISGETVR LHLYNVTRTF YVPAAYKLTK LSVKCYFNYS
CVFSVNVNATV TVNVTTNHRG VVNYTVCDDC NGYTDNIFSV QQDGRIPNGF PFNNWFLLTN
GSTLVDGVSR LYQPLRLTCL WFPVPLKSST GFVYFNATGS DVNCGYQHN SVVDVMRYNL
NFSANSLDNL KSGVIVFKTL QYDVLFYCSN SSSGVLDTTI PFGPSSQPY CFINSTINTT
HVSTFVGILP PTVREIIVAR TGQFYINGFK YFDLGFIEAV NFNVTASAT DFWTVAFATF
VDVLVNVSAT NIQNLLYCD S PFEKLCQCEHL QFGLQDGFYS ANFLDDNVLP ETYVALPIYY
QHTDINFAT ASFGGSCYVC KPHQVNISLN GNTSVCVRTS HFSIRYIYNR VKSGSPGDSS
WHIYLKSGTC PFSFSKLNFF QKFKTICFST VEVPGSCNFP LEATWHYTSY TIVGALYVTW
SEGNSITGVP YPVSIGREFS NLVLNNTCKY NIYDYVGTGI IRSSNQSLAG GITYVNSNGN
LLGFKNVSTG NIFIVTPCNQ PDQVAVYQQS IIGAMTAVNE SRYGLQNLLO LPNPFYVNSG
GNNCTTAVMT YSNFGICADG SLIPVVRPRNS SDNGISAIIT ANLSIPSNWT TSVQVEYLQI
TSTPIVVDCA TYVCNGNPRC KNLLKQYTS A CKTIEDALRL SAHLETNDVS SMLTFDSNAF
SLANVTSFGD YNLSSVLPQR NIRSSRIAGR SALEDLLFSK VVTSGLGTVD VDYKSCTKGL
SIADLACAQY YNGIMVLPGV ADAERMAMYT GSLIGGMVLG GLTSAAAIPF SLALQARLNY
VALQTDVLQE NQKILAASFN KAINNIVASF SSVNDAITQT AEAHTVTIA LNKIQDVVNO
QGSALNHLTS QLRHNFQAIS NSIQAIYDRL DSIQADQQVD RLITGRALAL NAFVSQVLNK
YTEVGRSRRR AQQKINECVK SQSNRYGFCG NGTHIFSIVN SAPDGLLFLH TVLLPTDYKN
VKAWSGICVD GIYGYVLRQP NLVLYSDNGV FRVTSRVVMFQ PRLPVLSDFV QIYNCNVTFV
NISRVELHTV IPDYVDVNKT LQEFANLQPK YVKPNFDLTP FNLTYNLSS ELKQLEAKTA
SLFQTTVELQ GLIDQINSTY VDLKLLNRF E NYIKWPWWVW LIISVVFVVL LSLLVFCCLS
TGCCGCCNCL TSSMRGCCDC GSTKLPYYEF EKVHVQ
  
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Purity: Research Plus Grade: each peptide is guaranteed to be main product (HPLC/MS)
Remark: The peptides of this product are supplied as trifluoroacetate salts.
Storage conditions: Store at - 20°C
Application protocol: <https://jpt.com/support-contact/resources/application-protocols/>

Use recommended within 6 months