

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 ug / peptide as individual peptide and in matrix pools
Length:	1356 aa

Sequence:	MKLFLLILLVL PLASCFFTCN SNANLSMLQL GVPDNSSTIV TGLLPTHWFC ANQSTSVYSA NGFFYIDVGN HRSAFALHTG YYDANQYYIY VTNEIGLNAS VTLKICKFSR NTTFDFLSNA SSSFDCIVNL LFTEQLGAPL GITISGETVR LHLYNVTRTF YVPAAYKLTK LSVKCYFNYS CVFSVNVATV TVNVTTTHNGR VVNYTVCCDD NGYTDNIFSV QQDGRI PNGF PFNNWFLLTN GSTLVLDGVS LYQPLRLTCL WPVPGKSSST GFVYFNATGS DVNCSNGYQHN SVVDVMRYNL NFSANSLDNL KSGVIVFKTL QYDVLFYCSN SSSGVLDTTI PFGPSSQPYY CFINSTINTT HVSTFVGILP PTVREIVVAR TGQFYINGFK YFDLGFIEAV NFNVTASAT DFWTVAFATF VDVLVNVSAT NIQNLLYCD S PFEKLQCEHL QFGLQDGFYS ANFLDDNVLP ETYVALPIYY QHTDINFAT ASFGGSCYVC KPHQVNISLN GNTSVCVRS HFSIRYIYNR VKSGSPGDSS WHIYLKSGTC PFSFSLNNF QKFKTICFST VEVPGSCNFP LEATWHYTSY TIVGALYVTW SEGSITGVP YPVSIGREFS NLVLLNCTKY NIYDYVGTGI IRSSNQSLAG GITYVSNNGN LLGFKNVSTG NIFIVTPCNQ PDQVAVYQOS IIGAMTAVNE SRYGLQNLLO LPNFYVVSNG GNNCTTAVMT YSNFGICADG SLIPVRPRNS SDNGISAIIT ANLSIPSNWT TSVQVEYLQI TSTPIVVDC TYVCNGNPRC KNLLKQYTS SAHLETNDVS SMLTFDSNAF SLANVTSFGD YNLSSVLPQR NIRSSRIAGR SALEDLLFSK VVTSGLGTVD VDYKSCTKGL SIADLACAQY YNGIMVLPGV ADAERMAMYT GSLIGGMVLG GLTSAAAIPF SLALQARLNY VALQTDVLQE NQKILAASFN KAINNIVASF SSVNDAITQT AEAHTVTIA LNKIQDVVNQ QGSALNHLTS QLRHNFQAIS NSIQAIYDRL DSIQADQQVD RLITGRLAAL NAFVSQVLNK YTEVRGSRRL AQQKINCEVK SQSNRYGFCG NGTHIFSIVN SAPDGLLFLH TVLLPTDYKN VKAWSGICVD GIYGYVLRQP NLVLYSDNGV FRVTSRVMFQ PRLPVLSDVF QIYNCNVTFV NISRVELHTV IPDYVDVNTK LQEFANLQPK YVKPNFDLTP FNLTLYNLSS ELKQLEAKTA SLFQTTVELQ GLIDQINSTY VDLKLLNRF NYIKWPWWV LIISVVFVVL LSLLVFCCLS TGCCGCCNCL TSSMRGCCDC GSTKLPYYEF EKVHVQ
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Purity:	crude (major peak by LC-MS is guaranteed to be peptide of interest for each peptide)
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