

## Product Data Sheet

<b>Product:</b>	Epitope Mapping Peptide Set (EMPS) MERS-CoV (Spike Glycoprotein)
<b>Product code:</b>	EMPS-MERS-CoV-S-1
<b>Content:</b>	52 Matrix Pools according to the matrix indicated in annotations. Each peptide is present in two different pools. 336 individual overlapping peptides spanning the whole antigen.
<b>Source:</b>	MERS-CoV (Middle East Respiratory Syndrome-related Coronavirus) Spike glycoprotein
<b>Protein ID:</b>	K9N5Q8
<b>Gene ID:</b>	S
<b>No. of peptides:</b>	336 peptides
<b>Amount:</b>	Approx. 5 µg / peptide as individual peptide and in matrix pools
<b>Length:</b>	1353 aa
<b>Sequence:</b>	<pre> MIHSVFLLMF LLTPTESYVD VGPDSVKSAC IEVDIQQTFE DKTWPRPIDV SKADGIIYPQ GRYTSNITIT YQGLFPYQGD HGDYVYVSAG HATGTTPQKL FVANYSQDVK QFANGFVVRI GAAANSTGTV IISPSTSATI RKIYPAFMLG SSVGNFSDGK MGRFFNHTLV LLPDGCCTL RAFYCILEPR SGNHCPAGNS YTSFATYHTP ATDCSDGNYN RNASLNSFKE YFNLRNCTFM YTYNITEDEI LEWFGITQTA QGVHLFSSRY VDLYGGNMFQ FATLPVYDTI KYYSIIPHSI RSIQSDRKAW AAFYVYKLPQ LTFLLDVSVD GYIRRAIDCG FNDLSQLHCS YESFDVESGV YSVSSFEAKP SGSVVEQAEG VECDFSPLLS GTPPQVYNFK RLVFTNCNYN LTKLLSLFSV NDFTCQISP AAIASNCYSS LILDYFSYPL SMKSDLVSS AGPISQFNYK QSFNPTCLI LATVPHNLT ITKPLKYSYI NKCSRFLSDD RTEVPQLVNA NQYSPCVSIV PSTVWEDGDY YRKQLSPLEG GGWLVASGST VAMTEQLQMG FGITVQYGTD TNSVCPKLEF ANDTKIASQL GNCVEYSLYG VSGRGVFQNC TAVGVRQQRV VYDAYQNLVG YYSDDGNYC LRACVSVVPS VIYDKETKTH ATLFGSVACE HISSTMSQYS RSTRSMLKRR DSTYGPLQTP VGCVLGLVNS SLFVEDCKLP LGQSLCALPD TPSTLTPRSV RSVPGEMRLA SIAFNHPIQV DQLNSSYFKL SIPTNFSFGV TQEYIQTITQ KVTVDCKQYV CNGFQKCEQL LREYGFQCSK INQALHGANL RQDDSVRNLF ASVKSSQSSP IIPGFGDFN LTLLEPVSIS TGSRSARSAI EDLLEFDKVTI ADPGYMQGYD DCMQQGPASA RDLICAQYVA GYKVLPLMD VNMEAAYTSS LLGSIAGVGV TAGLSSFAAI PFAQSI FYRL NGVGITQQVL SENQKLIANK FNQALGAMQT GFTTTNEAFH KVQDAVNNA QALSKLASEL SNTFGAISAS IGDIIQRLDV LEQDAQIDRL INGRLTTLNA FVAQQLVRSE SAALSAQLAK DKVNECVKAQ SKRSGFCGQG THIVSFVNA PNGLYFMHVG YYPNSHIEV SAYGLCDAAN PTNCIAPVNG YFIKTNNTRI VDEWSTGSS FYAPEPITSL NTKYVAPQVT YQNISTNLPP PLLGNSTGID FQDELDEFFK NVSTSI PNFG SLTQINTTLL DLTYEMLSLQ QVVKALNESY IDLKELGNYT YYNKWPWYIW LGFTIAGLVAL ALCVFILCC TGCGTNCMGK LKNRCCDRY EYDLEPHKV HVH </pre>

<b>Purity:</b>	Research Plus Grade: each peptide is guaranteed to be main product (HPLC/MS)
<b>Remark:</b>	The peptides of this product are supplied as trifluoroacetate salts.
<b>Storage conditions:</b>	Store at - 20°C
<b>Application protocol:</b>	<a href="https://jpt.com/support-contact/resources/application-protocols/">https://jpt.com/support-contact/resources/application-protocols/</a>

Use recommended within 6 months