

Product Data Sheet

Product:	Epitope Mapping Peptide Set (EMPS) HCoV-229E (Spike Glycoprotein)
Product code:	EMPS-229E-S-1
Content:	50 Matrix Pools according to the matrix indicated in annotations. Each peptide is present in two different pools. 291 individual overlapping peptides spanning the whole antigen.
Source:	Human Coronavirus (HCoV) Spike glycoprotein
Protein ID:	P15423, release 2019_12
Gene ID:	S
No. of peptides:	291 peptides
Amount:	Approx. 5 µg / peptide as individual peptide and in matrix pools
Length:	1173 aa
Sequence:	MFVLLVAYAL LHIAGCQTTN GLNTSYSVCN GCVGYSENVF AVESGGYIPS DFAFNNWFL TNTSSVVDGV VRSFQPLLN CLWSVSGLRF TTGFVYFNGT GRGDCKGFSS DVLSDEVIRYN LNFEENLRRG TILFKTSYGV VVFYCTNNTL VSGDAHIPFG TVLGNFYCFV NTTIGNETTS AFV GALPKTV REFVISRTGH FYINGRYFT LGNVEAVNFN VTTAETDFC TVALASYADV LVNVSQTSIA NIIYCNSVIN RLRCQQLSFD VPDGFYSTSP IQSVELPVS I VSLPVYHKHT FIVLYVDFKP QSGGGKCFNC YPAGVNITLA NFNETKGPLC VDTSHFTTKY VAVYANVGRW SASINTGNCP FSFGKVNMFV KFGSVCFSLK DIPGGCAMP I VANWAYSKEY TIGSLVSWWS DGDGITGVPQ PVEGVSSFMN VTLDKCTKYN IYDVSGVGI RVSNDTFLNG ITYTSTSGNL LGFKDVTKGT IYSITPCNPP DQLVVYQOAV VGAMLSNF T SYGFSNVVEL PKFFYASNGT YNCTDAVLTY SSFGVCADGS IIAVQPRNVS YDSVSAIVTA NLSIPSNWTT SVQVEYLQIT STPIVDCST YVCNGNVRCV ELLKQYTSAC KTIEDALRNS ARLESADVSE MLTFDKKAF LANVSSFGDY NLSSVIPSLP TSGSRVAGRS AIEDILFSKL VTSGLGTVDA DYKCKTKGLS IADLACAQYY NGIMVLPGVA DAERMAMYTG SLIGGIALGG LTSAVSIPFS LAIQARLNYV ALQTDVLQEN QKILAASFNK AMTNIVDAFT GVNDAITQTS QALQTVATAL NKIQDVVNQQ GNLNLHTSQ LRQNFQAISS SIQAIYDRLD TIQADQQVDR LITGRLAALN VVFSHTLTKY TEVRASRQLA QQKVNCEVKS QSKRYGFCGN GTHIFSI VNA APEGLVFLHT VLLPTQYKDV EAWSGLCVDG TNGYVLRQPN LALYKEGNY RITSRIMFEP RIPTMADFVQ IENCNVTFVN ISRSELQTV PEYIDVNKTL QELSYKLPNY TVPDLVVEQY NQTILNLTSE ISTLENKSAE LNYTVQKLQT LIDNINSTLV DLKWLNRVET YIKWPWWWL CISVVLIFVV SMLLCCST GCCGFSCFA SSIRGCCST KLPYYDVEKI HIQ

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