

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 VRSFQPLLLN CLWSVSGLRF TTGFVYFNGT GRGDCKGFSS DVLSDEVIRYN
LNFEENLRRG TILFKTSYGV VVFYCTNNTL VSGDAHIPFG TVLGNFYCFV NTTIGNETTS
AFV GALPKTV REFVISRTGH FYINGVRYFT LGNVEAVNFN VTTAETD DFC TVALASYADV
LVNVSQTSIA NLIYCNSVIN RLRCDQLSFD VPDGFYSTSP IQSVELPVS I VSLPVYHKHT
FIVLYVDFKP QSGGGKCFNC YPAGVNITLA NFNETKGPLC VDTSHFTTKY VAVYANVGRW
SASINTGNCP FSFGKVNNEFV KFGSVCFSLK DIPGGCAMP I VANWAYS KYY TIGSLYVSW
DGDGITGVPQ PVEGVSSFMN VTLDKCTKYN IYDVSGVGI RVSNDTFLNG ITYTSTSGNL
LGFKDVTKGT IYSITPCNPP DQLVVYQAV VGAMLSENF T SYGFSNVVEL PKFFYASNGT
YNCTDAVLTY SSGFVCADGS IIAVQPRNVS YDSVSAIVTA NLSIPSNWTT SVQVEY LQIT
STPIVDCST YVCNGNVRVC ELLKQYTSAC KTIEDALRNS ARLESADVSE MLTFDKKAPT
LANVSSFGDY NLSSVIPSLP TSGSRVAGRS AIEDILFSKL VTSGLGTVDA DYKCKTKGLS
IADLACAQYY NGIMVLPGVA DAERMAMYTG SLIGGIALGG LTSAVSIPFS LAIQARLNYV
ALQTDVLQEN QKILAASFNK AMTNIVDAFT GVNDAITQTS QALQTVATAL NKIQDVVNQQ
GNSLNHLTSQ LRQNFQAISS SIQAIYDRLD TIQADQQVDR LITGRLAALN VVFSHTLT KY
TEVRASRQLA QQKVNECVKS QSKRYGFCGN GTHIFSI VNA APEGLVFLHT VLLPTQYKDV
EAWSGLCVDG TNGYVLRQPN LALYKEGNY RITSRIMFEP RIPTMADFVQ IENCNVTFVN
ISRSELQ TIV PEYIDVNKTL QELSYKLPNY TVPDLVVEQY NQTILNLTSE ISTLENKSAE
LNYTVQKLQT LIDNINSTLV DLKWLNRVET YIKWPWWVWL CISVVLIFV V SMLLCCST
GCCGFSCFA SSIRGCC EST 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

