

Product Data Sheet

Product:	Epitope Mapping Peptide Set (EMPS) SARS-CoV (Spike Glycoprotein)
Product code:	EMPS-CVHSA-S-1
Content:	50 Matrix Pools according to the matrix indicated in annotations. Each peptide is present in two different pools. 311 individual overlapping peptides spanning the whole antigen.
Source:	SARS-CoV (Severe Acute Respiratory Syndrome Coronavirus) Spike glycoprotein
Protein ID:	P59594
Gene ID:	S
No. of peptides:	311 peptides - 156+155
Amount:	Approx. 5 µg / peptide as individual peptide and in matrix pools
Length:	1255 aa
Sequence:	MFIFLLFLTL TSGSDLDRCT TFDDVQAPNY TQHTSSMRGV YYPDEIFRSD TLYLTQDLFL PFYSNVTFGH TINHTFGNPV IPFKDGIYFA ATEKSNVVRG WVFGSTMNNK SQSVIIINNS TNVVIRACNF ELCDNPFPAV SKPMGTQHT MIFDNAFNCT FEYISDAFSL DVSEKSGNFK HLREFVFNK DGFLYVYKGY QPIDVVRDLP SGFNLTLPKF KLPLGINITN FRAILTAFSP AQDIWGTSA A YFVGYLKP TFMLKYDENG TITDAVDCSQ NPLAELKCSV KSFEIDKGIY QTSNFRVVPV GDVVRFPNIT NLCPFGEVFN ATKFPVSYAW ERKKISNCVA DYSVLYNSTF FSTFKCYGVS ATKLNLDLCS NVYADSFVVK GDDVRQIAPG QTGVIADYNY KLPDDFMGCV LAWNTRNIDA TSTGNYNKY RYLRHGKLRP FERDISNVPF SPDGKCTPP ALNCYWPLND YGFYTTTGIG YQPYRVVLS FELLNAPATV CGPKLSTDLI KNQCVNFNFN GLTGTGVLTP SSKRFQPFQQ FGRDVSDFTD SVRDPKTSEI LDISPCFSGG VSVITPGTNA SSEVAVLYQD VNCTDVTAI HADQLTPAWR IYSTGNNVFQ TQAGCLIGAE HVDTSYECDI FIGAGICASY HTVSLLRSTS QKSIVAYTMS LGADSSIAYS NNTIAIPTNF SISITTEVMP VSMAKTSVDC NMYICGDSTE CANLLLQYGS FCTQLNRALS GIAAEQDRNT REVFAQVKQM YKPTPLKYFG GFNFSQILPD PLKPTKRSFI EDLLFNKVTI ADAGFMKQYG ECLGDINARD LICAQKFNGL TVLPPLLTDD MIAAYTAALV SGTATAGWTF GAGAALQIPF AMQMAYRFNG IGVTQNVLYE NOKQIANQFN KAISQIQESL TTTSTALGKL QDVVNQNAQA LNTLVKQLSS NFGAIVSSVLN DILSRDLKVE AEVQIDRLIT GRLQSLQTYV TQQLIRAAEI RASANLAATK MSECVLGQSK RVDFCGKGYH LMSFPQAAPH GVVFLHVITYV PSQERNFTTA PAICHEGKAY FPREGVVFVN GTSWFITQRN FFSPQIITTD NTFVSGNCDV VIGIINNTVY DPLQPELDSF KEELDKYFKN HTSPDVLGD ISGINASVVN IQKEIDRLNE VAKNLNESLI DLQELGKYEQ YIKWPWYVWL GFIAGLIAIV MVTILLCCMT SCCSCLKGAC SCGSCCKFDE DDSEPVKGV KLYHT

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