

## Product Data Sheet

<b>Product:</b>	Epitope Mapping Peptide Set (EMPS) SARS-CoV (Spike Glycoprotein)					
<b>Product code:</b>	EMPS-CVHSA-S-1					
<b>Content:</b>	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.					
<b>Source:</b>	SARS-CoV (Severe acute respiratory syndrome coronavirus) Spike glycoprotein					
<b>Protein ID:</b>	P59594					
<b>Gene ID:</b>	S					
<b>No. of peptides:</b>	311 peptides - 156+155					
<b>Amount:</b>	Approx. 5 ug / peptide as individual peptide and in matrix pools					
<b>Length:</b>	1255 aa					
<b>Sequence:</b>	MFIFLLFLTL	TSGSDLRCT	TFDDVQAPNY	TQHTSSMRGV	YYPDEIFRS	TLYLTQDLFL
	PFYSNVTGFH	TINHTFGNPV	IPFKDGIYFA	ATEKSNVVRG	WVFGSTMNNK	SQSVIIINNS
	TNVVIRACNF	ELCDNPFFAV	SKPMGTQTH	MIFDNAFNCT	FEYISDAFSL	DVSEKSGNFK
	HLREFVFKNK	DGFLYVYKGY	QPIDVVRDLP	SGFNLTLPKF	KLPLGINITN	FRAILTAFSP
	AQDIWGTSA	AYFVGYLKPT	TFMLKYDENG	TITDAVDCSQ	NPLAELKCSV	KSFEIDKGIY
	QTSNFRVPS	GDVVRFPNIT	NLCPFGEVFN	ATKFPSVYAW	ERKKISNCVA	DYSVLYNSTF
	FSTFKCYGVS	ATKLNLCFS	NVYADSFVVK	GDDVRQIAPG	QTGVIADYNY	KLPDDFMGCV
	LAWNTRNIDA	TSTGNYNYKY	RYLRHGKLRP	FERDISNVPF	SPDGKPTPP	ALNCYWPLND
	YGFYTTTGIG	YQPYRVVLS	FELLNAPATV	CGPKLSTDLI	KNQCVNFNFN	GLTGTGVLTP
	SSKRFQPFQQ	FGRDVSDFTD	SVRDPKTSEI	LDISPCSFSG	VSVITPGTNA	SSEVAVLYQD
	VNCTDVSTAI	HADQLTPAWR	IYSTGNNVFQ	TQAGCLIGAE	HVDTSYECDI	PIGAGICASY
	HTVSLLRSTS	QKSIVAYTMS	LGADSSIAYS	NNTIAIPTNF	SISITTEVMP	VMAKTSVDC
	NMYICGDSTE	CANLLLQYGS	FCTQLNRALS	GIAAEQDRNT	REVFAQVKQM	YKTPTLKYFG
	GFNFSQILPD	PLKPTKRSFI	EDLLFNKVTL	ADAGFMKQYG	ECLGDINARD	LICAQKFNGL
	TVLPPLTDD	MIAAYTAALV	SGTATAGWTF	GAGAALQIPF	AMQMAYRFNG	IGVTQNVLYE
	NQKQIANQFN	KAISQIQESL	TTTSTALGKL	QDVVNQNAQA	LNTLVKQLSS	NFGAISSVLN
	DILSRLDKVE	AEVQIDRLIT	GRLQSLQTYV	TQQLIRAAEI	RASANLAATK	MSECVLGQSK
	RVDFCGKGYH	LMSFPQAAPH	GVVFLHVTYV	PSQERNFTTA	PAICHEGKAY	FPREGVVFVN
	GTSWFITQRN	FFSPQIITTD	NTFVSGNCDV	VIGIINNTVY	DLPQPELDSF	KEELDKYFKN
	HTSPDVLGD	ISGINASVVN	IQKEIDRLNE	VAKNLNESLI	DLQELGKYEQ	YIKWPWYVWL
	GFIAGLIAIV	MVTILLCCMT	SCCSCLKGAC	SCGSCCKFDE	DDSEFVLKGV	KLHYT

<b>Purity:</b>	crude (major peak by LC-MS is guaranteed to be peptide of interest for each peptide)
<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**