Rev04
Update: Jun,15,2026

DATASHEET

SARS-CoV-2 Spike Glycoprotein B.1.617.2-Delta

Cat. No.: RP30033

Overview

Description	This pool is delivered in two subpools of 158 & 157 peptides derived from a peptide scan (15mers with 11 aa overlap) through the entire Spike glycoprotein of SARS-CoV-2 B.1.617.2 (Severe Acute Respiratory Syndrome-related coronavirus 2, Lineage B.1.617.2, India, Delta) covering the following mutations: T0019R, G0142D, E0156-, F0157-, R0158G, L0452R, T0478K, D0614G, P0681R and D0950N.

Properties

Source	Severe Acute Respiratory Syndrome-related coronavirus 2 (Spike B.1.617.2) Spike glycoprotein (covering the following mutations: T0019R, G0142D, E0156-, F0157-, R0158G, L0452R, T0478K, D0614G, P0681R and D0950N).
Gene ID	S
Length	1271 aa
Purity	Crude (Major peak by ESI-MS is guaranteed to be peptide of interest - determined at 220 nm for each individual peptide).
Solubility	Dissolve in a minimum amount of pure DMSO (approx. 40 µl) and dilute with PBS buffer to the final concentration. Please note that the final concentration of DMSO must be below 1 % (v/v) to avoid toxicity in the biological system.
Form	Lyophilized
Storage	Store at -20°C.
Note	The peptides of this product are supplied as trifluoroacetate salts.

Sequence (one-letter-code)

Code	Sequence	Code	Sequence
peptide_1	MFVFLVLLPLVSSQC	peptide_2	LVLLPLVSSQCVNLR
peptide_3	PLVSSQCVNLRTRTQ	peptide_4	SQCVNLRTRTQLPPA
peptide_5	NLRTRTQLPPAYTNS	peptide_6	RTQLPPAYTNSFTRG
peptide_7	PPAYTNSFTRGVYYP	peptide_8	TNSFTRGVYYPDKVF

peptide_9	TRGVYYPDKVFRSSV	peptide_10	YYPDKVFRSSVLHST
peptide_11	KVFRSSVLHSTQDLF	peptide_12	SSVLHSTQDLFLPFF
peptide_13	HSTQDLFLPFFSNVT	peptide_14	DLFLPFFSNVTWFHA
peptide_15	PFFSNVTWFHAIHVS	peptide_16	NVTWFHAIHVSGTNG
peptide_17	FHAIHVSGTNGTKRF	peptide_18	HVSGTNGTKRFDNPV
peptide_19	TNGTKRFDNPVLPFN	peptide_20	KRFDNPVLPFNDGVY
peptide_21	NPVLPFNDGVYFAST	peptide_22	PFNDGVYFASTEKSN
peptide_23	GVYFASTEKSNIIRG	peptide_24	ASTEKSNIIRGWIFG
peptide_25	KSNIIRGWIFGTTLD	peptide_26	IRGWIFGTTLDSKTQ
peptide_27	IFGTTLDSKTQSLLI	peptide_28	TLDSKTQSLLIVNNA
peptide_29	KTQSLLIVNNATNVV	peptide_30	LLIVNNATNVVIKVC
peptide_31	NNATNVVIKVCEFQF	peptide_32	NVVIKVCEFQFCNDP
peptide_33	KVCEFQFCNDPFLDV	peptide_34	FQFCNDPFLDVYYHK
peptide_35	NDPFLDVYYHKNNKS	peptide_36	LDVYYHKNNKSWMES
peptide_37	YHKNNKSWMESGVYS	peptide_38	NKSWMESGVYSSANN
peptide_39	MESGVYSSANNCTFE	peptide_40	VYSSANNCTFEYVSQ
peptide_41	ANNCTFEYVSQPFLM	peptide_42	TFEYVSQPFLMDLEG
peptide_43	VSQPFLMDLEGKQGN	peptide_44	FLMDLEGKQGNFKNL
peptide_45	LEGKQGNFKNLREFV	peptide_46	QGNFKNLREFVFKNI
peptide_47	KNLREFVFKNIDGYF	peptide_48	EFVFKNIDGYFKIYS
peptide_49	KNIDGYFKIYSKHTP	peptide_50	GYFKIYSKHTPINLV
peptide_51	IYSKHTPINLVRDLP	peptide_52	HTPINLVRDLPQGFS
peptide_53	NLVRDLPQGFSALEP	peptide_54	DLPQGFSALEPLVDL
peptide_55	GFSALEPLVDLPIGI	peptide_56	LEPLVDLPIGINITR
peptide_57	VDLPIGINITRFQTL	peptide_58	IGINITRFQTLLALH
peptide_59	ITRFQTLLALHRSYL	peptide_60	QTLLALHRSYLTPGD
peptide_61	ALHRSYLTPGDSSSG	peptide_62	SYLTPGDSSSGWTAG
peptide_63	PGDSSSGWTAGAAAY	peptide_64	SSGWTAGAAAYYVGY
peptide_65	TAGAAAYYVGYLQPR	peptide_66	AAYYVGYLQPRTFLL
peptide_67	VGYLQPRTFLLKYNE	peptide_68	QPRTFLLKYNENGTI
peptide_69	FLLKYNENGTITDAV	peptide_70	YNENGTITDAVDCAL
peptide_71	GTITDAVDCALDPLS	peptide_72	DAVDCALDPLSETKC
peptide_73	CALDPLSETKCTLKS	peptide_74	PLSETKCTLKSFTVE
peptide_75	TKCTLKSFTVEKGIY	peptide_76	LKSFTVEKGIYQTSN

peptide_77	TVEKGIYQTSNFRVQ	peptide_78	GIYQTSNFRVQPTES
peptide_79	TSNFRVQPTESIVRF	peptide_80	RVQPTESIVRFPNIT
peptide_81	TESIVRFPNITNLCP	peptide_82	VRFPNITNLCPFGEV
peptide_83	NITNLCPFGEVFNAT	peptide_84	LCPFGEVFNATRFAS
peptide_85	GEVFNATRFASVYAW	peptide_86	NATRFASVYAWNRKR
peptide_87	FASVYAWNRKRISNC	peptide_88	YAWNRKRISNCVADY
peptide_89	RKRISNCVADYSVLY	peptide_90	SNCVADYSVLYNSAS
peptide_91	ADYSVLYNSASFSTF	peptide_92	VLYNSASFSTFKCYG
peptide_93	SASFSTFKCYGVSPT	peptide_94	STFKCYGVSPTKLND
peptide_95	CYGVSPTKLNDLCFT	peptide_96	SPTKLNDLCFTNVYA
peptide_97	LNDLCFTNVYADSFV	peptide_98	CFTNVYADSFVIRGD
peptide_99	VYADSFVIRGDEVRQ	peptide_100	SFVIRGDEVRQIAPG
peptide_101	RGDEVRQIAPGQTGK	peptide_102	VRQIAPGQTGKIADY
peptide_103	APGQTGKIADYNYKL	peptide_104	TGKIADYNYKLPDDF
peptide_105	ADYNYKLPDDFTGCV	peptide_106	YKLPDDFTGCVIAWN
peptide_107	DDFTGCVIAWNSNNL	peptide_108	GCVIAWNSNNLDSKV
peptide_109	AWNSNNLDSKVGGNY	peptide_110	NNLDSKVGGNYNYRY
peptide_111	SKVGGNYNYRYRLFR	peptide_112	GNYNYRYRLFRKSNL
peptide_113	YRYRLFRKSNLKPFE	peptide_114	LFRKSNLKPFERDIS
peptide_115	SNLKPFERDISTEIY	peptide_116	PFERDISTEIYQAGS
peptide_117	DISTEIYQAGSKPCN	peptide_118	EIYQAGSKPCNGVEG
peptide_119	AGSKPCNGVEGFNCY	peptide_120	PCNGVEGFNCYFPLQ
peptide_121	VEGFNCYFPLQSYGF	peptide_122	NCYFPLQSYGFQPTN
peptide_123	PLQSYGFQPTNGVGY	peptide_124	YGFQPTNGVGYQPYR
peptide_125	PTNGVGYQPYRVVVL	peptide_126	VGYQPYRVVVLSFEL
peptide_127	PYRVVVLSFELLHAP	peptide_128	VVLSFELLHAPATVC
peptide_129	FELLHAPATVCGPKK	peptide_130	HAPATVCGPKKSTNL
peptide_131	TVCGPKKSTNLVKNK	peptide_132	PKKSTNLVKNKCVNF
peptide_133	TNLVKNKCVNFNFNG	peptide_134	KNKCVNFNFNGLTGT
peptide_135	VNFNFNGLTGTGVLT	peptide_136	FNGLTGTGVLTESNK
peptide_137	TGTGVLTESNKKFLP	peptide_138	VLTESNKKFLPFQQF
peptide_139	SNKKFLPFQQFGRDI	peptide_140	FLPFQQFGRDIADTT
peptide_141	QQFGRDIADTTDAVR	peptide_142	RDIADTTDAVRDPQT
peptide_143	DTTDAVRDPQTLEIL	peptide_144	AVRDPQTLEILDITP

peptide_145	PQTLEILDITPCSFG	peptide_146	EILDITPCSFGGVSV
peptide_147	ITPCSFGGVSVITPG	peptide_148	SFGGVSVITPGTNTS
peptide_149	VSVITPGTNTSNQVA	peptide_150	TPGTNTSNQVAVLYQ
peptide_151	NTSNQVAVLYQGVNC	peptide_152	QVAVLYQGVNCTEVP
peptide_153	LYQGVNCTEVPVAIH	peptide_154	VNCTEVPVAIHADQL
peptide_155	EVPVAIHADQLTPTW	peptide_156	AIHADQLTPTWRVYS
peptide_157	DQLTPTWRVYSTGSN	peptide_158	PTWRVYSTGSNVFQT
peptide_159	VYSTGSNVFQTRAGC	peptide_160	GSNVFQTRAGCLIGA
peptide_161	FQTRAGCLIGAEHVN	peptide_162	AGCLIGAEHVNNSYE
peptide_163	IGAEHVNNSYECDIP	peptide_164	HVNNSYECDIPIGAG
peptide_165	SYECDIPIGAGICAS	peptide_166	DIPIGAGICASYQTQ
peptide_167	GAGICASYQTQTNSR	peptide_168	CASYQTQTNSRRRAR
peptide_169	QTQTNSRRRARSVAS	peptide_170	NSRRRARSVASQSII
peptide_171	RARSVASQSIIAYTM	peptide_172	VASQSIIAYTMSLGA
peptide_173	SIIAYTMSLGAENSV	peptide_174	YTMSLGAENSVAYSN
peptide_175	LGAENSVAYSNNSIA	peptide_176	NSVAYSNNSIAIPTN
peptide_177	YSNNSIAIPTNFTIS	peptide_178	SIAIPTNFTISVTTE
peptide_179	PTNFTISVTTEILPV	peptide_180	TISVTTEILPVSMTK
peptide_181	TTEILPVSMTKTSVD	peptide_182	LPVSMTKTSVDCTMY
peptide_183	MTKTSVDCTMYICGD	peptide_184	SVDCTMYICGDSTEC
peptide_185	TMYICGDSTECSNLL	peptide_186	CGDSTECSNLLLQYG
peptide_187	TECSNLLLQYGSFCT	peptide_188	NLLLQYGSFCTQLNR
peptide_189	QYGSFCTQLNRALTG	peptide_190	FCTQLNRALTGIAVE
peptide_191	LNRALTGIAVEQDKN	peptide_192	LTGIAVEQDKNTQEV
peptide_193	AVEQDKNTQEVFAQV	peptide_194	DKNTQEVFAQVKQIY
peptide_195	QEVFAQVKQIYKTPP	peptide_196	AQVKQIYKTPPIKDF
peptide_197	QIYKTPPIKDFGGFN	peptide_198	TPPIKDFGGFNFSQI
peptide_199	KDFGGFNFSQILPDP	peptide_200	GFNFSQILPDPSKPS
peptide_201	SQILPDPSKPSKRSF	peptide_202	PDPSKPSKRSFIEDL
peptide_203	KPSKRSFIEDLLFNK	peptide_204	RSFIEDLLFNKVTLA
peptide_205	EDLLFNKVTLADAGF	peptide_206	FNKVTLADAGFIKQY
peptide_207	TLADAGFIKQYGDCL	peptide_208	AGFIKQYGDCLGDIA
peptide_209	KQYGDCLGDIAARDL	peptide_210	DCLGDIAARDLICAQ
peptide_211	DIAARDLICAQKFNG	peptide_212	RDLICAQKFNGLTVL

peptide_213	CAQKFNGLTVLPPLL	peptide_214	FNGLTVLPPLLTDEM
peptide_215	TVLPPLLTDEMIAQY	peptide_216	PLLTDEMIAQYTSAL
peptide_217	DEMIAQYTSALLAGT	peptide_218	AQYTSALLAGTITSG
peptide_219	SALLAGTITSGWTFG	peptide_220	AGTITSGWTFGAGAA
peptide_221	TSGWTFGAGAALQIP	peptide_222	TFGAGAALQIPFAMQ
peptide_223	GAALQIPFAMQMAYR	peptide_224	QIPFAMQMAYRFNGI
peptide_225	AMQMAYRFNGIGVTQ	peptide_226	AYRFNGIGVTQNVLY
peptide_227	NGIGVTQNVLYENQK	peptide_228	VTQNVLYENQKLIAN
peptide_229	VLYENQKLIANQFNS	peptide_230	NQKLIANQFNSAIGK
peptide_231	IANQFNSAIGKIQDS	peptide_232	FNSAIGKIQDSLSST
peptide_233	IGKIQDSLSSTASAL	peptide_234	QDSLSSTASALGKLQ
peptide_235	SSTASALGKLQNVVN	peptide_236	SALGKLQNVVNQNAQ
peptide_237	KLQNVVNQNAQALNT	peptide_238	VVNQNAQALNTLVKQ
peptide_239	NAQALNTLVKQLSSN	peptide_240	LNTLVKQLSSNFGAI
peptide_241	VKQLSSNFGAISSVL	peptide_242	SSNFGAISSVLNDIL
peptide_243	GAISSVLNDILSRLD	peptide_244	SVLNDILSRLDKVEA
peptide_245	DILSRLDKVEAEVQI	peptide_246	RLDKVEAEVQIDRLI
peptide_247	VEAEVQIDRLITGRL	peptide_248	VQIDRLITGRLQSLQ
peptide_249	RLITGRLQSLQTYVT	peptide_250	GRLQSLQTYVTQQLI
peptide_251	SLQTYVTQQLIRAAE	peptide_252	YVTQQLIRAAEIRAS
peptide_253	QLIRAAEIRASANLA	peptide_254	AAEIRASANLAATKM
peptide_255	RASANLAATKMSECV	peptide_256	NLAATKMSECVLGQS
peptide_257	TKMSECVLGQSKRVD	peptide_258	ECVLGQSKRVDFCGK
peptide_259	GQSKRVDFCGKGYHL	peptide_260	RVDFCGKGYHLMSFP
peptide_261	CGKGYHLMSFPQSAP	peptide_262	YHLMSFPQSAPHGVV
peptide_263	SFPQSAPHGVVFLHV	peptide_264	SAPHGVVFLHVTYVP
peptide_265	GVVFLHVTYVPAQEK	peptide_266	LHVTYVPAQEKNFTT
peptide_267	YVPAQEKNFTTAPAI	peptide_268	QEKNFTTAPAICHDG
peptide_269	FTTAPAICHDGKAHF	peptide_270	PAICHDGKAHFPREG
peptide_271	HDGKAHFPREGVFVS	peptide_272	AHFPREGVFVSNGTH
peptide_273	REGVFVSNGTHWFVT	peptide_274	FVSNGTHWFVTQRNF
peptide_275	GTHWFVTQRNFYEPQ	peptide_276	FVTQRNFYEPQIITT
peptide_277	RNFYEPQIITTDNTF	peptide_278	EPQIITTDNTFVSGN
peptide_279	ITTDNTFVSGNCDVV	peptide_280	NTFVSGNCDVVIGIV

peptide_281	SGNCDVVIGIVNNTV	peptide_282	DVVIGIVNNTVYDPL
peptide_283	GIVNNTVYDPLQPEL	peptide_284	NTVYDPLQPELDSFK
peptide_285	DPLQPELDSFKEELD	peptide_286	PELDSFKEELDKYFK
peptide_287	SFKEELDKYFKNHTS	peptide_288	ELDKYFKNHTSPDVD
peptide_289	YFKNHTSPDVDLGDI	peptide_290	HTSPDVDLGDISGIN
peptide_291	DVDLGDISGINASVV	peptide_292	GDISGINASVVNIQK
peptide_293	GINASVVNIQKEIDR	peptide_294	SVVNIQKEIDRLNEV
peptide_295	IQKEIDRLNEVAKNL	peptide_296	IDRLNEVAKNLNESL
peptide_297	NEVAKNLNESLIDLQ	peptide_298	KNLNESLIDLQELGK
peptide_299	ESLIDLQELGKYEQY	peptide_300	DLQELGKYEQYIKWP
peptide_301	LGKYEQYIKWPWYIW	peptide_302	EQYIKWPWYIWLGFI
peptide_303	KWPWYIWLGFIAGLI	peptide_304	YIWLGFIAGLIAIVM
peptide_305	GFIAGLIAIVMVTIM	peptide_306	GLIAIVMVTIMLCCM
peptide_307	IVMVTIMLCCMTSCC	peptide_308	TIMLCCMTSCCSCLK
peptide_309	CCMTSCCSCLKGCCS	peptide_310	SCCSCLKGCCSCGSC
peptide_311	CLKGCCSCGSCCKFD	peptide_312	CCSCGSCCKFDEDDS
peptide_313	GSCCKFDEDDSEPVL	peptide_314	KFDEDDSEPVLKGVK
peptide_315	DDSEPVLKGVKLHYT		

Please note that we do not provide HPLC and MS reports for each individual peptide within our peptide library products.

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