

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

Cat. No.: RP30033CN

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.

Sequence MFVFLVLLPLVSSQCVNLRTRTQLPPAYTNSFTRGVYYPDKVFRSSVLHSTQDLFLPFFSNVTWFHAI
HVSGTNGTKRFDNPVLPFNDGVYFASTEKSNIIRGWIFGTTLDSTQSLIVNATNVIKVECFQFCN
DPFLDVYYHKNNKSWMESGVYSSANNCTFEYVVSQPFLMDLEGKQGNFKNREFVFNIDGYFKIYK
HTPINLVRDLPQGFSALEPLVDLPIGINITRFQTLALHRSYLTGPDSSSGWTAGAAAAYVGYLQPRTF
LLKYNENGTITDAVDCALDPLSETKCTLSFTVEKGIYQTSNFRVQPTESIVRFPNITNLCPFGEVFNAT
RFASVYAWNRKRISNCVADYSVLYNSASFSTFKCYGVSPKLNLDLCTNVYADSFVIRGDEVQRQIAPGQ
TGKIADYNYKLPDDFTGCVIAWNSNLDLSDKVGNYNYRYRFRKSNLKPFRDISTEIQAGSKPCNG
VEGFNCYFPLQSYGFQPTNGVGYQPYRVVLSFELLHAPATVCGPKKSTNLVKNKCVNFNFNGLTGT
GVLTESNKKFLPFQFGRDIADTTDAVRDPQTLLEILDITPCSFGGVSVITPGTNTSNQVAVLYQGVNC
TEVPVAIHADQLTPTWRVYSTGSNVFQTRAGCLIGAHEVNNSYECDIPIGAGICASYQTQTNSRRRARS
VASQSIHAYTMSLGAENSVAYSNNIAIPTNFTISVTTEILPVSMTKTSVDCTMYICGDSTECSNLLQYG
SFCTQLNRALTGIAVEQDKNTQEVFAQVKQIYKTPPIKDFGGFNFSQILPDPSPKSKRSFIEDLLFNKV
TLADAGFIKQYGDCLGDIARDLCAQKFNGLTVLPPLTDEMIAQYTSALLAGTITSGWTFGAGAALQI
PFAMQMAYRFNGIGVTQNVLYENQKLIANQFNSAIGKIQDLSSTASALGKLQNVVNQNAQALNTLV
KQLSSNFGAISSVLDILSRLDKVEAEVQIDRLITGRLQSLQTYVTQQLIRAAEIRASANLAATKMSECV
LGQSKRVDFCGKGYHLSFPQSAPHGVVFLHVTVYPAQEKNFTTAPAICHGDKAHFPREGVFSNGT
HWFVTQRNFYEPQIITDNTFVSGNCDWIGIVNNTVYDPLQPELDSFKEELDKYFKNHTSPDVLGDI
SGINASVNNIQKEIDRLNEVAKNLNESLIDLQELGKYEQYIKWPWYIWLGFIAGLIAIVMVTIMLCCMST
CCSCLKGCCSCGSCCKFDEDDSEPVKGVKLHHT

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).
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	NVTWFHAIHVS GTNG
peptide_17	FHAIHVS GTNGTKRF	peptide_18	HVS GTNGTKRFDNPV
peptide_19	TNGTKRFDNPVLPFN	peptide_20	KRFDNPVLPFNDGVY
peptide_21	NPVLPFNDGVYFAST	peptide_22	PFNDGVYFASTEKSN
peptide_23	GVYFASTEKSNIIRG	peptide_24	ASTEKSNIIRGWIFG
peptide_25	KSNIIRGWIFGTTLTLD	peptide_26	IRGWIFGTTLTLD SKTQ
peptide_27	IFGTTLTLD SKTQSLLI	peptide_28	TLTLD SKTQSLLIVNNA
peptide_29	KTQSLLIVN NATNVV	peptide_30	LLIVN NATNVVIKVC
peptide_31	NNATNVVIKVCE FQF	peptide_32	NVVIKVCE FQCNDP
peptide_33	KVCE FQCNDPFLDV	peptide_34	FQCNDPFLDVVYHK
peptide_35	NDPFLDVVYHKNNKS	peptide_36	LDVVYHKNNKSWMES
peptide_37	YHKNNKSWMESGVYS	peptide_38	NKSWMESGVYSSANN
peptide_39	MESGVYSSANNCTFE	peptide_40	VYSSANNCTFEVVSQ
peptide_41	ANNCTFEVVSQPFLM	peptide_42	TFEVVSQPFLMDLEG
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	IGINITRFQTLALH
peptide_59	ITRFQTLALHRSYL	peptide_60	QTLALHRSYLTDPG
peptide_61	ALHRSYLTDPGSSSG	peptide_62	SYLTDPGSSSGWTAG
peptide_63	PGDSSSGWTAGAAAY	peptide_64	SSSGWTAGAAAYVGY
peptide_65	TAGAAAYVGYLQPR	peptide_66	AAYVGYLQPRTFLL
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	VYADSFVIRGDEVQR	peptide_100	SFVIRGDEVQRQIAPG
peptide_101	RGDEVQRQIAPGQTGK	peptide_102	VRQIAPGQTGKIADY
peptide_103	APGQTGKIADYNYKL	peptide_104	TGKIADYNYKLPPDF
peptide_105	ADYNYKLPPDFTGCV	peptide_106	YKLPPDFTGCVIAWN
peptide_107	DDFTGCVIAWNSNNL	peptide_108	GCVIAWNSNNLDSKV
peptide_109	AWNSNNLDSKVGNGY	peptide_110	NNLDSKVGNGYNYRY
peptide_111	SKVGNGYNYRYRLFR	peptide_112	GNYNYRYRLFRKSNL

peptide_113	YRYRLFRKSNLKPFE	peptide_114	LFRKSNLKPFERDIS
peptide_115	SNLKPFERDISTEIIY	peptide_116	PFERDISTEIIYQAGS
peptide_117	DISTEIIYQAGSKPCN	peptide_118	EIIYQAGSKPCNGVEG
peptide_119	AGSKPCNGVEGFNCY	peptide_120	PCNGVEGFNCYFPLQ
peptide_121	VEGFNCYFPLQSYGF	peptide_122	NCYFPLQSYGFQPTN
peptide_123	PLQSYGFQPTNGVGY	peptide_124	YGFQPTNGVGYQPYPYR
peptide_125	PTNGVGYQPYPYRWVL	peptide_126	VGYPYRWVLSFEL
peptide_127	PYPYRWVLSFELLHAP	peptide_128	VVLSFELLHAPATVC
peptide_129	FELLHAPATVCGPKK	peptide_130	HAPATVCGPKKSTNL
peptide_131	TVCGPKKSTNLVKNK	peptide_132	PKKSTNLVKNKCVNF
peptide_133	TNLVKNKCVNFNFNFG	peptide_134	KNKCVNFNFNGLTGT
peptide_135	VNFNFNGLTGTGVL	peptide_136	FNGLTGTGVLTESNK
peptide_137	TGTGVLTESNKKFLP	peptide_138	VLTESNKKFLPFQF
peptide_139	SNKKFLPFQFGRDI	peptide_140	FLPFQFGRDIADTT
peptide_141	QFGRDIADTTDAVR	peptide_142	RDIADTTDAVRDPQT
peptide_143	DTTDAVRDPQTLLEIL	peptide_144	AVRDPQTLLEILDITP
peptide_145	PQTLLEILDITPCSFG	peptide_146	EILDITPCSFGGVS
peptide_147	ITPCSFGGVSIVITPG	peptide_148	SFGGVSIVITPGTNTS
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	AGCLIGAEHVNSYE
peptide_163	IGAEHVNSYECDDIP	peptide_164	HVNSYECDDIPIGAG
peptide_165	SYECDDIPIGAGICAS	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	YTMSLGAENSVAYS
peptide_175	LGAENSVAYSNNNSIA	peptide_176	NSVAYSNNNSIAIPTN

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	CGDSTECSNLLQYG
peptide_187	TECSNLLQYGSFCT	peptide_188	NLLQYGSFCTQLNR
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	FNSAIGKIQDSLST
peptide_233	IGKIQDSLSTASAL	peptide_234	QDSLSTASALGKLQ
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	YHLMSFPQSAPHGW
peptide_263	SFPQSAPHGVFLHV	peptide_264	SAPHGVFLHVTYVP
peptide_265	GVFLHVTYVPAQEK	peptide_266	LHVTYVPAQEKNFTT
peptide_267	YVPAQEKNFTTAPAI	peptide_268	QEKNFTTAPAICHDG
peptide_269	FTTAPAICHDGKAHF	peptide_270	PAICHDGKAHFREG
peptide_271	HDGKAHFREGVFS	peptide_272	AHFREGVFSNGTH
peptide_273	REGVFSNGTHWFVT	peptide_274	FVSNNGTHWFVTQRNF
peptide_275	GTHWFVTQRNFYEPQ	peptide_276	FVTQRNFYEPQIITT
peptide_277	RNFYEPQIITDNTF	peptide_278	EPQIITDNTFVSGN
peptide_279	ITTDNTFVSGNCDV	peptide_280	NTFVSGNCDWIGIV
peptide_281	SGNCDWIGIVNNTV	peptide_282	DWIGIVNNTVYDPL
peptide_283	GIVNNTVYDPLQPEL	peptide_284	NTVYDPLQPELDSFK
peptide_285	DPLQPELDSFKEELD	peptide_286	PELDSFKEELDKYFK
peptide_287	SFKEELDKYFKNHTS	peptide_288	ELDKYFKNHTSPDVD
peptide_289	YFKNHTSPDVDLGD	peptide_290	HTSPDVDLGDISGIN
peptide_291	DVDLGDISGINASV	peptide_292	GDISGINASVNIQK
peptide_293	GINASVNIQKEIDR	peptide_294	SVNIQKEIDRLNEV
peptide_295	IQKEIDRLNEVAKNL	peptide_296	IDRLNEVAKNLNESL
peptide_297	NEVAKNLNESLIDLQ	peptide_298	KNLNESLIDLQELGK
peptide_299	ESLIDLQELGKYEYQ	peptide_300	DLQELGKYEYQIKWP
peptide_301	LGKYEYQIKWPWYIW	peptide_302	EYQIKWPWYIWLGI
peptide_303	KWPWYIWLGIAGLI	peptide_304	YIWLGIAGLIAIVM

peptide_305	GFIAGLIAIVMTIM	peptide_306	GLIAIVMTIMLCCM
peptide_307	IVMVTIMLCCMTSCC	peptide_308	TIMLCCMTSCCCLK
peptide_309	CCMTSCCCLKGCCS	peptide_310	SCCCLKGCCSCGSC
peptide_311	CLKGCCSCGSCCKFD	peptide_312	CCSCGSCCKFDEDDS
peptide_313	GSCCKFDEDDSEPVL	peptide_314	KFDEDDSEPVLKGVK
peptide_315	DDSEPVLKGVKLHYT		
