

SARS-CoV-2 Spike Glycoprotein P.1-Gamma**DATASHEET**

Version: 2021-09-13

Cat. No.: RP30029**Size:** 2 Vials (25 µg/ peptide)**Source:**

Severe Acute Respiratory Syndrome-related coronavirus 2 (Lineage P.1) Spike glycoprotein (covering the following mutations: L0018F, T0020N, P0026S, D0138Y, R0190S, K0417T, E0484K, N0501Y, D0614G, H0655Y, T1027I, V1176F).

Description:

This pool is delivered in two subpools of 158 & 158 peptides derived from a peptide scan (15mers with 11 aa overlap) through the entire Spike glycoprotein of SARS-CoV-2 P.1, (Severe Acute Respiratory Syndrome-related coronavirus 2, Lineage P.1, Brazil, Gamma, previously B.1.1.248 / B.1.1.28.1)) covering the following mutations: L0018F, T0020N, P0026S, D0138Y, R0190S, K0417T, E0484K, N0501Y, D0614G, H0655Y, T1027I, V1176F.

Gene ID: S**Length:** 1273 aa**Purity:**

Crude (Major peak by ESI-MS is guaranteed to be peptide of interest - determined at 220 nm for each individual peptide).

Storage:

Store at -20°C.

Note:

The peptides of this product are supplied as trifluoroacetate salts.

*For Non-Clinical Research Use Only *

Sequence (one-letter-code)

peptide_1	MFVFLVLLPLVSSQC
peptide_2	LVLLPLVSSQCVNFT
peptide_3	PLVSSQCVNFTNRTQ
peptide_4	SQCVNFTNRTQLPSA
peptide_5	NFTNRTQLPSAYTNS
peptide_6	RTQLPSAYTNSFTRG
peptide_7	PSAYTNSFTRGVYYP
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	NVTWFHAIHVSQTNG
peptide_17	FHAIHVSQTNGTKRF
peptide_18	HVSQTNGTKRFDNPV
peptide_19	TNGTKRFDNPVLPFN
peptide_20	KRFDNPVLPFNDGVY
peptide_21	NPVLPFNDGVYFAST
peptide_22	PFNDGVYFASTEKSN
peptide_23	GVYFASTEKSNIRG
peptide_24	ASTEKSNIRGWIFG
peptide_25	KSNIRGWIFGTLLD
peptide_26	IRGWIFGTLLDSTKQ
peptide_27	IFGTLLDSTKQSLLI
peptide_28	TLDSTKQSLLIVNNA
peptide_29	KTQSLLIVNNATNVV
peptide_30	LLIVNNATNVVIKVC
peptide_31	NNATNVVIKVCEQFQ
peptide_32	NVVIKVCEQFCNYP
peptide_33	KVCEQFCNYPFLGV
peptide_34	FQFCNYPFLGVYYHK
peptide_35	NYPFLGVYYHKNNKS
peptide_36	LGVYYHKNNKSWMES
peptide_37	YHKNNKSWMESEFRV
peptide_38	NKSWMESEFRVYSSA
peptide_39	MESEFRVYSSANNCT
peptide_40	FRVYSSANNCTFEYV

peptide_41	SSANNCTFEYVSQPF
peptide_42	NCTFEYVSQPFLMDL
peptide_43	EYVSQPFLMDLEGKQ
peptide_44	QPFLMDLEGKQGNFK
peptide_45	MDLEGKQGNFKNLSE
peptide_46	GKQGNFKNLSEVFK
peptide_47	NFKNLSEVFKNIDG
peptide_48	LSEVFKNIDGYFKI
peptide_49	VFKNIDGYFKIYSKH
peptide_50	IDGYFKIYSKHTPIN
peptide_51	FKIYSKHTPINLVRD
peptide_52	SKHTPINLVRDLPQG
peptide_53	PINLVRDLPQGFSAL
peptide_54	VRDLPQGFSALEPLV
peptide_55	PQGFSALEPLVDLPI
peptide_56	SALEPLVDLPIGINI
peptide_57	PLVDLPIGINITRFQ
peptide_58	LPIGINITRFQTLA
peptide_59	INITRFQTLALHRS
peptide_60	RFQTLALHRSYLTTP
peptide_61	LLALHRSYLTTPGDSS
peptide_62	HRSYLTTPGDSSSGWT
peptide_63	LTPGDSSSGWTAGAA
peptide_64	DSSSGWTAGAAAYYV
peptide_65	GWTAGAAAYYVGYLQ
peptide_66	GAAAYYVGYLQPRTF
peptide_67	YYVGYLQPRTFLLKY
peptide_68	YLQPRTFLLKYNENG
peptide_69	RTFLLKYNENGTITD
peptide_70	LKYNENGTITDAVDC
peptide_71	ENGTITDAVDCALDP
peptide_72	ITDAVDCALDPLSET
peptide_73	VDCALDPLSETKCTL
peptide_74	LDPLSETKCTLKSFT
peptide_75	SETKCTLKSFTVEKG
peptide_76	CTLKSFTVEKGIYQT
peptide_77	SFTVEKGIYQTSNFR
peptide_78	EKGIYQTSNFRVQPT
peptide_79	YQTSNFRVQPTESIV
peptide_80	NFRVQPTESIVRFPN

peptide_81	QPTESIVRFPNITNL
peptide_82	SIVRFPNITNLCPFG
peptide_83	FPNITNLCPFGEVFN
peptide_84	TNLCPFGEVFNATRF
peptide_85	PFGEVFNATRFASVY
peptide_86	VFNATRFASVYAWNR
peptide_87	TRFASVYAWNRKRIS
peptide_88	SVYAWNRKRISNCVA
peptide_89	WNRKRISNCVADYSV
peptide_90	RISNCVADYSVLYNS
peptide_91	CVADYSVLYNSASF
peptide_92	YSVLYNSASFSTFKC
peptide_93	YNSASFSTFKCYGVS
peptide_94	SFSTFKCYGVSPTKL
peptide_95	FKCYGVSPTKLNLC
peptide_96	GVSPTKLNLCFTNV
peptide_97	TKLNLCFTNVYADS
peptide_98	DLCFTNVYADSFVIR
peptide_99	TNVYADSFVIRGDEV
peptide_100	ADSFVIRGDEVQRQA
peptide_101	VIRGDEVQRQIAPGQT
peptide_102	DEVQRQIAPGQTGTIA
peptide_103	QIAPGQTGTIADYNY
peptide_104	GQTGTIADYNYKLPD
peptide_105	TIADYNYKLPDDFTG
peptide_106	YNYKLPDDFTGCVIA
peptide_107	LPDDFTGCVIAWNSN
peptide_108	FTGCVIAWNSNLDSD
peptide_109	VIAWNSNLDSDKVG
peptide_110	NSNLDSDKVGNYNY
peptide_111	LDSKVGNYNYLYRL
peptide_112	VGGNYNYLYRLFRKS
peptide_113	YNYLYRLFRKSNLKP
peptide_114	YRLFRKSNLKPFRD
peptide_115	RKSNLKPFRDISTE
peptide_116	LKPFRDISTEIQQA
peptide_117	ERDISTEIQAGSTP
peptide_118	STEIQAGSTPCNGV
peptide_119	YQAGSTPCNGVKGFN
peptide_120	STPCNGVKGFNCFYF

peptide_121	NGVKGFNCFYFPLQSY
peptide_122	GFNCFYFPLQSYGFQP
peptide_123	YFPLQSYGFQPTYGV
peptide_124	QSYGFQPTYGVGYQP
peptide_125	FQPTYGVGYQPYRVV
peptide_126	YGVGYQPYRVVLSF
peptide_127	YQPYRVVLSFELLH
peptide_128	RVVLSFELLHAPAT
peptide_129	LSFELLHAPATVCGP
peptide_130	LLHAPATVCGPKKST
peptide_131	PATVCGPKKSTNLVK
peptide_132	CGPKKSTNLVKNKCV
peptide_133	KSTNLVKNKCVNFNF
peptide_134	LVKNKCVNFNFNGLT
peptide_135	KCVNFNFNGLTGTGV
peptide_136	FNFGNGLTGTGVLTE
peptide_137	GLTGTGVLTESNKKF
peptide_138	TGVLTESNKKFLPFQ
peptide_139	TESNKKFLPFQFGR
peptide_140	KKFLPFQFGRDIAD
peptide_141	PFQFGRDIADTTDA
peptide_142	FGRDIADTTDAVRDP
peptide_143	IADTTDAVRDPQTL
peptide_144	TDAVRDPQTLILDI
peptide_145	RDPQTLILDITPCS
peptide_146	TLEILDITPCSFQGV
peptide_147	LDITPCSFQGVSVIT
peptide_148	PCSFQGVSVITPGTN
peptide_149	GGVSVITPGTNTSNQ
peptide_150	VITPGTNTSNQVAVL
peptide_151	GTNTSNQVAVLYQGV
peptide_152	SNQVAVLYQGVNCTE
peptide_153	AVLYQGVNCTEVPVA
peptide_154	QGVNCTEVPVAIHAD
peptide_155	CTEVPVAIHADQLTP
peptide_156	PVAIHADQLTPTWRV
peptide_157	HADQLTPTWRVYSTG
peptide_158	LTPTWRVYSTGSNVF
peptide_159	WRVYSTGSNVFQTRA
peptide_160	STGSNVFQTRAGCLI

peptide_161	NVFQTRAGCLIGA EY
peptide_162	TRAGCLIGA EYV NNS
peptide_163	CLIGA EYV NNSY ECD
peptide_164	A EYV NNSY ECDIPIG
peptide_165	NNSY ECDIPIGAGIC
peptide_166	ECDIPIGAGICASYQ
peptide_167	PIGAGICASYQTQTN
peptide_168	GICASYQTQTN SPRR
peptide_169	SYQTQTN SPRRARSV
peptide_170	QTN SPRRARSVASQS
peptide_171	PRRARSVASQSIIAY
peptide_172	RSVASQSIIAYTMSL
peptide_173	SQSIIAYTMSLGAEN
peptide_174	IAYTMSLGAENSVAY
peptide_175	MSLGAENSVAYS NNS
peptide_176	AENSVAYS NNSIAIP
peptide_177	VAYS NNSIAIPTNFT
peptide_178	NNSIAIPTNFTISVT
peptide_179	AIPTNFTISVTTEIL
peptide_180	NFTISVTTEILPVSM
peptide_181	SVTTEILPVSMTKTS
peptide_182	EILPVSMTKTSVDCT
peptide_183	VSMTKTSVDCTMYIC
peptide_184	KTSVDCTMYICGDST
peptide_185	DCTMYICGDSTECSN
peptide_186	YICGDSTECSNLLLQ
peptide_187	DSTECSNLLLQYGSF
peptide_188	CSNLLLQYGSFCTQL
peptide_189	LLQYGSFCTQLNRAL
peptide_190	GSFCTQLNRALTGIA
peptide_191	TQLNRALTGIAVEQD
peptide_192	RALTGIAVEQDKNTQ
peptide_193	GIAVEQDKNTQE VFA
peptide_194	EQDKNTQE VFAQVKQ
peptide_195	NTQE VFAQVKQIYKT
peptide_196	VFAQVKQIYKTPPIK
peptide_197	VKQIYKTPPIKDFGG
peptide_198	YKTPPIKDFGGFNFS
peptide_199	PIKDFGGFNFSQILP
peptide_200	FGGFNFSQILPDPSK

peptide_201	NFSQILPDPSKPSKR
peptide_202	ILPDPSKPSKR SFIE
peptide_203	PSKPSKR SFIEDLLF
peptide_204	SKR SFIEDLLFNKVT
peptide_205	FIEDLLFNKVTLADA
peptide_206	LLFNKVTLADAGFIK
peptide_207	KVTLADAGFIKQYGD
peptide_208	ADAGFIKQYGDCLGD
peptide_209	FIKQYGDCLGDIAAR
peptide_210	YGDCLGDIAARDLIC
peptide_211	LGDIAARDLICAQKF
peptide_212	AARDLICAQKFNGLT
peptide_213	LICAQKFNGLTVLPP
peptide_214	QKFNGLTVLPLLLTD
peptide_215	GLTVLPLLLTDEMI A
peptide_216	LPLLLTDEMI AQYTS
peptide_217	LTDEMI AQYTSALLA
peptide_218	MIAQYTSALLAGTIT
peptide_219	YTSALLAGTITSGWT
peptide_220	LLAGTITSGWTFGAG
peptide_221	TITSGWTFGAGAALQ
peptide_222	GWTFGAGAALQIPFA
peptide_223	GAGAALQIPFAMQMA
peptide_224	ALQIPFAMQMAYRFN
peptide_225	PFAMQMAYRFNGIGV
peptide_226	QMAYRFNGIGVTQNV
peptide_227	RFNGIGVTQNVLYEN
peptide_228	IGVTQNVLYENQKLI
peptide_229	QNVLYENQKLIANQF
peptide_230	YENQKLIANQFN SAI
peptide_231	KLIANQFN SAI GKI Q
peptide_232	NQFN SAI GKI QD SLS
peptide_233	SAI GKI QD SLS S T AS
peptide_234	KI QD SLS S T AS AL G K
peptide_235	SLS S T AS AL G K L Q D V
peptide_236	TASALGK L Q D V V N Q N
peptide_237	LGK L Q D V V N Q N A Q A L
peptide_238	Q D V V N Q N A Q A L N T L V
peptide_239	N Q N A Q A L N T L V K Q L S
peptide_240	Q A L N T L V K Q L S S N F G

peptide_241	TLVKQLSSNFGAISS
peptide_242	QLSSNFGAISSVLND
peptide_243	NFGAISSVLNDILSR
peptide_244	ISSVLNDILSRLDKV
peptide_245	LNDILSRLDKVEAEV
peptide_246	LSRLDKVEAEVQIDR
peptide_247	DKVEAEVQIDRLITG
peptide_248	AEVQIDRLITGRLQS
peptide_249	IDRLITGRLQSLQTY
peptide_250	ITGRLQSLQTYVTQQ
peptide_251	LQSLQTYVTQQLIRA
peptide_252	QTYVTQQLIRAAEIR
peptide_253	TQQLIRAAEIRASAN
peptide_254	IRAAEIRASANLAAI
peptide_255	EIRASANLAAIKMSE
peptide_256	SANLAAIKMSECVLG
peptide_257	AAIKMSECVLGQSKR
peptide_258	MSECVLGQSKRVDFC
peptide_259	VLGQSKRVDFCGKGY
peptide_260	SKRVDFCGKGYHLMS
peptide_261	DFCGKGYHLMSFPQS
peptide_262	KGYHLMSFPQSAPHG
peptide_263	LMSFPQSAPHGVVFL
peptide_264	PQSAPHGVVFLHVTY
peptide_265	PHGVVFLHVTYVPAQ
peptide_266	VFLHVTYVPAQEKNF
peptide_267	VTYVPAQEKNFTTAP
peptide_268	PAQEKNFTTAPAICH
peptide_269	KNFTTAPAICHDGKA
peptide_270	TAPAICHDGKAHFPR
peptide_271	ICHDGKAHFREGVVF
peptide_272	GKAHFREGVVFVSN
peptide_273	FPREGVVFVSNTHWF
peptide_274	GVFVSNTHWVFVTQR
peptide_275	SNGTHWVFVTQRNFYE
peptide_276	HWFVTQRNFYEPQII
peptide_277	TQRNFYEPQIITDN
peptide_278	FYEPQIITDNFVVS
peptide_279	QIITDNFVSGNCD
peptide_280	TDNTFVSGNCDVIG

peptide_281	FVSGNCDVIGIVNN
peptide_282	NCDVIGIVNNTVYD
peptide_283	VIGIVNNTVYDPLQP
peptide_284	VNNTVYDPLQPELDS
peptide_285	VYDPLQPELDSFKEE
peptide_286	LQPELDSFKEELDKY
peptide_287	LDSFKEELDKYFKNH
peptide_288	KEELDKYFKNHTSPD
peptide_289	DKYFKNHTSPDVLG
peptide_290	KNHTSPDVLGDISG
peptide_291	SPDVLGDISGINAS
peptide_292	DLGDISGINASFVNI
peptide_293	ISGINASFVNIQKEI
peptide_294	NASFVNIQKEIDRLN
peptide_295	VNIQKEIDRLNEVAK
peptide_296	KEIDRLNEVAKNLNE
peptide_297	RLNEVAKNLNESLID
peptide_298	VAKNLNESLIDLQEL
peptide_299	LNESLIDLQELGKYE
peptide_300	LIDLQELGKYEQYIK
peptide_301	QELGKYEQYIKWPWY
peptide_302	KYEQYIKWPWYIWL
peptide_303	YIKWPWYIWLGFIA
peptide_304	PWYIWLGFIAGLIAI
peptide_305	WLGFIAGLIAIVMVT
peptide_306	IAGLIAIVMVTIMLC
peptide_307	IAIVMVTIMLCCMTS
peptide_308	MVTIMLCCMTSCCSC
peptide_309	MLCCMTSCCCLKGC
peptide_310	MTSCCCLKGCCSCG
peptide_311	CCLKGCCSCGSCCK
peptide_312	KGCCSCGSCCKFDED
peptide_313	SCGSCCKFDEDDSEP
peptide_314	CCKFDEDDSEPVKLG
peptide_315	DEDDSEPVKLGVKLH
peptide_316	SEPVKLGVKLHYT