

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (JK-200) BEBTELOVIMAB
 PRONUNCIATION beb" te loe' vi mab
 THERAPEUTIC CLAIM Treatment of SARS-CoV-2 infection

CHEMICAL NAME

1. Immunoglobulin G1, anti-(severe acute respiratory syndrome coronavirus 2 spike glycoprotein) (human monoclonal LY3853113 γ 1-chain), disulfide with human monoclonal LY3853113 λ -chain, dimer (Source: CAS)

STRUCTURAL FORMULA

Heavy chain

QITLKESGPT	LVKPTQTLTL	TCTFSGFSL	ISGVGVGWL	QPPGKALEWL	50
ALIYWDDDKR	YSPSLKSR	ISKDTSKNQ	VLKMTNIDP	DTATYYCAH	100
SISTIFDHWG	QGTLLTVSSA	STKGPSVFP	APSSKSTSG	TAALGCLVK	150
YFPEPVTVSW	NSGALTSVH	TFFAVLQSS	LYSLSSVTV	PSSSLGTQTY	200
ICNVNHHKPSN	TKVDKRVEPK	SCDKTHTCP	CPAPELLGGP	SVFLFPPKPK	250
DTLMISRTPE	VTCVVVDVSH	EDPEVKFNWY	VDGVEVHNAK	TKPREEQYNS	300
TYRVVSVLTV	LHQDWLNGKE	YKCKVSNKAL	PAPIEKTISK	AKGQPREPQV	350
YTLPPSREEM	TKNQVSLTCL	VKGFYPSDIA	VEWESNGQPE	NNYKTTTPVL	400
DSDGSFFFLYS	KLTVDKSRWQ	QGNVFSCSVM	HEALHNHYTQ	KSLSLSPGK	449

Light chain

QSALTQPASV	SGSPGQSITI	SCTATSSDVG	DYNYVSWYQQ	HPGKAPKLM	50'
FEVSDRPSGI	SNRFGSKSG	NTASLTISGL	QAEDEADYYC	SSYTSSAVF	100'
GGGTKLTVLG	QPKAAPSVTL	FPPSSEELQA	NKATLVCLIS	DFYPGAVTVA	150'
WKADSSPVKA	GVETTTPSKQ	SNNKYAASSY	LSLTPEQWKS	HRSYSCQVTH	200'
EGSTVEKTVA	PTECS				215'

Disulfide bridges

22-97	22''-97''	22'-90'	22'''-90'''	137'-196'	137'''-196'''	146-202	146''-202''
222-214'	222''-214'''	229-228''	231-231''	263-323	263''-323''	369-427	369''-427''

Glycosylation sites (N)

299 299''

MOLECULAR FORMULA $C_{6386}H_{9950}N_{1684}O_{2009}S_{42}$
 MOLECULAR WEIGHT 143.8 kDa
 TRADEMARK None as yet
 SPONSOR Eli Lilly and Company
 CODE DESIGNATIONS LY-CoV1404, LY3853113
 CAS REGISTRY NUMBER 2578319-11-4
 UNII 8YL4SYR6CU

gbk