Centre for AIDS Reagents.

Data Sheet

NAME:	HIV-1 env gp120 (strain ACH320.3.1/W61D)
REPOSITORY REFERENCE:	**ARP7035.1-48**
VIRUS STRAIN:	Based on the ACH320.3.1/W61D molecular clone derived from a Dutch field isolate of HIV-1 (ACH320)
REGION OF HOMOLOGY:	HIV-1 env gp120
SIZE:	20mers with a 10 aa overlap
SPECIAL CHARACTERISTICS:	Overlapping series covering entire gp120. Peptides ARP7035.2, 3, 4, 19, 20, 23 and 24 are identical to those of the ARP740 series (HIV-1 IIIB) and have therefore not been synthesised.
ACKNOWLEDGEMENTS:	Publications should acknowledge the donor of the reagent and the Programme EVA Centre for AIDS Reagents. Suggested wording can be found on our website at http://www.nibsc.ac.uk/spotlight/aidsreagent/index.html in the "Acknowledgements" section. Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR (this can be electronically or as a paper copy)

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ARP7035.1	AAEQLWVTVYYGVPVWKEAT	**ARP7035.25**	NGSLAEEEVVIRSDNFMDNT
ARP7035.2	**VPVWKEATTTLFCASDAKAY***	**ARP7035.26**	IRSDNFMDNTKTIIVQLNES
ARP7035.3	**LFCASDAKAYDTEVHNVWAT***	**ARP7035.27**	KTIVQLNESVAINCTRPNN
ARP7035.4	**DTEVHNVWATHACVPTDPNP***	**ARP7035.28**	VAINCTRPNNNTRKGIHIGP
ARP7035.5	HACVPTDPNPQEVVLGNVTE	**ARP7035.29**	NTRKGIHIGPGRAFYAARKI
ARP7035.6	PQEVVLGNVTEYFNMWKNNMV	**ARP7035.30**	GRAFYAARKIIGDIRQAHCN
ARP7035.7	YFNMWKNNMVDQMHEDIISL	**ARP7035.31**	IGDIRQAHCNLSRAQWNNTL
ARP7035.8	DQMHEDIISLWDQSLKPCVK	**ARP7035.32**	LSRAQWNNTLKQIVIKLREH
ARP7035.9	WDQSLKPCVKLTPLCVTLDCD	**ARP7035.33**	KQIVIKLREHFGNKTIKFNQ
ARP7035.10	LTPLCVTLDCDDVNTTNSTT	**ARP7035.34**	FGNKTIKFNQSSGGDPEIVR
ARP7035.11	DDVNTTNSTTTTSNGWTGEI	**ARP7035.35**	SSGGDPEIVRHSFNCGGEFF
ARP7035.12	TTSNGWTGEIRKGEIKNCSF	**ARP7035.36**	HSFNCGGEFFYCDTTQLFNS
ARP7035.13	RKGEIKNCSFNITTSIRDKV	**ARP7035.37**	YCDTTQLFNSTWNGTEGNNT
ARP7035.14	NITTSIRDKVQKEYALFYNL	**ARP7035.38**	TWNGTEGNNTEGNSTITLPCR
ARP7035.15	VQKEYALFYNLDVVPIDDDNA	**ARP7035.39**	EGNSTITLPCRIKQIINMWQ
ARP7035.16	DVVPIDDDNATTKNKTTRNF	**ARP7035.40**	RIKQIINMWQEVGKAMYAPP
ARP7035.17	TTKNKTTRNFRLIHCNSSVM	**ARP7035.41**	EVGKAMYAPPIGGQIRCSSN
ARP7035.18	RLIHCNSSVMTQACPKVSFE	**ARP7035.42**	IGGQIRCSSNITGLLLTRDG
ARP7035.19	**TQACPKVSFEPIPIHYCAPA***	**ARP7035.43**	ITGLLLTRDGGTEGNGTENE
ARP7035.20	**PIPIHYCAPAGFAILKCNNK***	**ARP7035.44**	GTEGNGTENETEIFRPGGGD
ARP7035.21	GFAILKCNNKTFDGKGLCTN	**ARP7035.45**	TEIFRPGGGDMRDNWRSELY
ARP7035.22	TFDGKGLCTNVSTVQCTHGI	**ARP7035.46**	MRDNWRSELYKYKVVKVEPL
ARP7035.23	**VSTVQCTHGIRPVVSTQLLL***	**ARP7035.47**	KYKVVKVEPLGVAPTRAKRR
ARP7035.24	**RPVVSTQLLLNGSLAEEEVV***	**ARP7035.48**	GVAPTRAKRRVVQREKR

*__BOLD__ sequences indicate the sequences already available through the IIIB series (ARP740).