Centre for AIDS Reagents

Data Sheet

NAME:	HTLV-I env-5
REPOSITORY REFERENCE:	**ARP7061**
VIRUS STRAIN:	HTLV-I
SEQUENCE:	SPNVSVPSSSSTPLLY
REGION OF HOMOLOGY:	Residues 242-257 of HTLV-I external glycoprotein expressed on the surface of HTLV-I infected cell lines
SIZE:	16mer
SPECIAL CHARACTERISTICS:	The env-5 peptide is recognised by all serum samples from HTLV-I infected individuals tested. Env-5 is not recognised by serum from HTLV-II infected patients. This peptide has been used successfully both alone and in a "cocktail" with the HTLV-II peptide env-2 (**ARP7060)** to distinguish HTLV-I and HTLV-II antibodies in an ELISA
SOLUBILITY:	Soluble in 10mM Carbonate buffer (SIGMA C3041)
SOURCE:	Dr RB Lal (courtesy of the NIH AIDS Research and Reference Reagent Program)
REFERENCE:	Rudolph DL et al (1993), Clin Chem **39:** 288-292

PROVIDED:	100µg, 1mg/ml (limited to one aliquot per laboratory)
NOTE:	Requests from commercial organisations should read note for reagent **ARP7059**
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)