

Centre For AIDS Reagents

Data Sheet

NAME:	Recombinant HIV-1 MN Envelope gp41
REPOSITORY REFERENCE:	ARP671
DESCRIPTION:	Truncated Recombinant HIV-1 MN envelope protein gp41 produced as a fusion protein in the E.coli Expression System. Truncated gp41 protein mol.wt: 35kD.
PURITY:	This protein is purified by affinity chromatography and by preparative electrophoresis to >98% purity as determined by SDS-PAGE, reduced.
SPECIFICITY:	This protein binds to murine monoclonal antibodies of defined epitope specificity and HIV-1 converted human serum polyclonal antibodies in ELISA and Western ELISA.
PRESENTATION:	50µg
BUFFER:	10 mM Tris, 0.002% SDS, pH8
STORAGE/STABILITY:	-75°C/ At least 36 months -20°C/ At least 12 months
SOURCE:	ImmunoDiagnostics Inc, MA, USA
APPLICATIONS:	ELISA and Western ELISA require 10-100ng protein depending on the nature and affinity of the detection reagent. Human serum polyclonal antibodies yield titres of 1:1000 or greater at 100ng of immobilised protein under standard ELISA conditions.
ACKNOWLEDGEMENTS:	Publications should acknowledge the donor of the reagent and the Centre for AIDS Reagents. Suggested wording can be found on our website in the “Acknowledgement” section at:-

www.nibsc.org/science_and_research/virology/centre_for_aids_reagents.aspx

Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR, this can be by e-mail or printed copy.