

Data Sheet

DESCRIPTION:	Recombinant HIV – 1 gp41
REPOSITORY REFERENCE:	ARP680
PROTEIN:	Glycosylated recombinant ecto-domain of gp41, from HXB2 strain, amino acids 546-682, produced in <i>Pichia pastoris</i> (without the membrane spanning and cytoplasmic domains). The protein is heterogeneously glycosylated and is seen predominately as a series of bands from 16,000 to 28,000 daltons on Western blot. It is recommended that the product be incubated at 40° C for 30 mins for SDS PAGE and not boiled (results in aggregation). Reacts with AIDS sera and human monoclonal antibodies specific for conformational and linear epitopes as determined by ELISA/Western blot.
PURITY:	> 95% pure as determined by SDS-PAGE electrophoresis
PRESENTATION:	50ug (1.5mg/ml)
BUFFER/COMPOSITION:	0.02M Tris, 0.2M NaCl, 1M urea, 0.3M Imidazole, 0.02% Triton X-100 pH 8.5
ENDOTOXIN LEVEL:	130-270IU/ml (Batch D2508)
STABILITY:	> One year from date of receipt
STORAGE:	Supplied frozen and should be stored at -70°C or below
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)