

Centre for AIDS Reagents

Data sheet

NAME:	Recombinant HIV-1 IIIB gag p24
REPOSITORY REFERENCE:	EVA620
DESCRIPTION:	Rec HIV-1 IIIB gag p24 is a cytosolic protein produced in the Baculovirus expression system
PURITY:	This protein is purified by cation/anion affinity and gel exclusion chromatography to >95% purity as determined by SDS-PAGE reduced. Quantitative determination of the protein was based on a sandwich capture ELISA using a qualified p24 preparation as a reference. The capture ELISA is sensitive to 1pg of p24: 1ng/ml of p24 shows an O.D of 1.0 at 405nm under standard ELISA conditions.
SPECIFICITY:	This protein binds to murine monoclonal antibodies of defined epitope specificity and to rabbit and human serum polyclonal antibodies in ELISA and Western ELISA
PRESENTATION:	50µg
BUFFER:	20mM Na-Ac, 0.15M NaCl, pH 6.5
STORAGE/STABILITY:	-75°C/ At least 24 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. HIV-1 converted human serum polyclonal antibodies yield titres of 1:100,000 at 1-10ng of immobilized 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.