

Centre for AIDS Reagents

Data Sheet

DESCRIPTION:	Recombinant HIV-1 IIIB gp120
REPOSITORY REFERENCE:	EVA657
PROTEIN:	Recombinant HIV-1 IIIB gp120 Glycoprotein (CHO)
EXPRESSION SYSTEM:	Produced in the CHO Expression system
PURITY:	This protein is purified by immunoaffinity chromatography to >98% purity as determined by SDS-PAGE, reduced.
BUFFER:	PBS
PRESENTATION:	50µg (1mg/ml)
BIOLOGICAL ACTIVITY:	This protein binds to human T-cell receptor CD4 in ELISA and Western ELISA as determined by CD4/gp120/Anti gp120 mAb-peroxidase capture ELISA. This protein activates human T-Lymphocytes (CD4+, CD4 -), in vitro, as measured by RNA synthesis during G0 to G1 transition phase of antigen-binding competent cells.
SPECIFICITY:	This protein binds to murine monoclonal antibodies of defined epitope specificity and human serum polyclonal antibodies in ELISA and Western ELISA.
CONCENTRATIONS:	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 solid phase protein under standard ELISA conditions.
NOTE:	Recommended concentrations for use are approximate values. A dose dependent response assay should be performed to determine the optimal concentration for use in specific applications.
STORAGE:	-75°C, Stability at least 12 months.

SOURCE:

Immunodiagnosics

ACKNOWLEDGEMENTS:

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Please also ensure that you send us a copy of any papers ork using reagents acquired through CFAR (this can be electronically or as a paper copy)