



ImmunoDiagnostics, Inc.

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PRODUCT SPECIFICATIONS

PRODUCT# 1084: Recombinant HIV-1 ADA Envelope Glycoprotein gp160 (Baculovirus)

SPECIFICATIONS

Concentration:	See vial
Mass/vial	See vial
Diluent	PBS
Purity	>98%
Stabilizer	None
Preservative:	None
Storage:	-75°C
Physical State:	Frozen Liquid
Stability:	24 months at -75°C.

APPLICATIONS

CD4 Binding
Cell Activation
In-Vitro Diagnostics

DESCRIPTION:

Gene cloned from M cell-tropic HIV-1 ADA strain and the truncated recombinant envelope gp160 glycoprotein produced in the Baculovirus Expression System.

PURIFICATION:

This protein is purified by immuno-affinity chromatography to >95% 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.

BIOLOGICAL ACTIVITY: Not determined.

APPLICATIONS AND INSTRUCTIONS FOR USE

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.

ELISA and Western ELISA require 10-100ng protein depending on the nature and affinity of the detection reagent. Human serum polyclonal antibodies yield titers of 1:1000 or greater at 10-100ng of immobilized protein under standard ELISA conditions.