

Active Recombinant HIV-1 ADA gp120 Envelope Glycoprotein

Cat. No. HIV1ADAgp120-112H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	HIV
Source	Insect Cells
Description	Gene cloned from M cell-tropic HIV-1 ADA strain and the full length recombinant envelope gp120 glycoprotein produced in the Baculovirus Expression System. This protein binds to murine monoclonal antibodies of defined epitope specificity and HIV-1 converted human serum polyclonal antibodies in ELISA and Western ELISA.
Form	Frozen Liquid
Bio-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 monocytic cells (CD4+, CD4-), in vitro, as measured by RNA synthesis during G0 to G1 transition phase of antigen-binding competent cells.
Purity	> 98 % by SDS-PAGE
Applications	CD4 Binding; Cell Activation; In-Vitro Diagnostics.
Notes	Recommended concentrations for use are approximate values. A dose dependent

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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.

Stability	At least 24 months at -75 centigrade.
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Storage	Store at -75 centigrade.
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Dilutions	PBS
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