

Recombinant HIV-1 IIIB GAG p55 Protein

Cat. No. HIV1IIIBGAGp55-123H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	HIV
Source	Insect Cells
Description	Recombinant HIV-1 IIIB gag p55 is a cytosolic protein produced in the Baculovirus Expression System. This protein binds to murine monoclonal antibodies of defined epitope specificity and to rabbit and human serum polyclonal antibodies in ELISA and Western ELISA.
Form	Frozen Liquid
Molecular Mass	55 kD
Purity	> 95 % by SDS-PAGE
Applications	ELISA; Western ELISA; In-Vitro HIV-1 Diagnostics.
Notes	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 may be performed at 10-100ng protein depending on the

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nature and affinity of the detection reagent. HIV –1 converted uman serum polyclonal antibodies yield titers of up to 1:100,000 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	Na-Ac, 20mM,0.15M NaCl, pH.6.5
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