

Recombinant HIV-1 YU2 (M-Tropic) gp41 Envelope Protein

Cat. No. HIV1YU2gp41-109H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	HIV
Source	E.coli
Description	Truncated Recombinant HIV-1 YU2 M-Tropic envelope protein gp41 produced as a fusion protein in the E.coli Expression System. Truncated gp41 protein mol.wt: 25kD. This protein binds to murine anti-gp41 YU2 mAbs and HIV-1 converted human serum polyclonal antibodies in ELISA and Western Elisa.
Form	Frozen Liquid
Molecular Mass	25 kD
Purity	> 99 % by SDS-PAGE
Applications	In-Vitro Diagnostics; Immunization; T-Cell Activation.
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 require 10-100ng protein depending on the nature and

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affinity of the detection reagent. Human serum polyclonal antibodies yield titers of 1:1000 or greater at 100ng of immobilized protein under standard ELISA conditions. Protein concentration for lateral flow rapid diagnostics range from 0.1 – 0.5mg/ml.

Stability	At least 24 months at -75 centigrade.
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Storage	Store at -75 centigrade.
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Dilutions	10 mM Tris, pH 8.0, SDS (<0.01%)
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