



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	HIV-1 IIIB p24 Recombinant Protein
<b>Catalog Number:</b>	12028
<b>Lot Number:</b>	120046
<b>Provided:</b>	50 µg in 20mM Na-Ac, 0.05M NaCl, pH 6.5 (1 mg/mL).
<b>Purity:</b>	This protein is purified by cation/anion affinity gel exclusion chromatography to >98% purity as determined by SDS-PAGE, reduced.
<b>Special Characteristics:</b>	<p>This protein binds to murine monoclonal antibodies of defined epitope specificity and to rabbit and human serum polyclonal antibodies in ELISA and Western ELISA.</p> <p>Recommended concentrations (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 10-100 ng protein depending on the nature and affinity of the detection reagent. HIV-1 converted human serum polyclonal antibodies yield titers of up to 1:100000 at 10 ng of immobilized protein under standard ELISA conditions.</p>
<b>Recommended Storage:</b>	Keep at -80°C. Avoid freeze-thaw cycles as reagent degradation may result.
<b>Contributor:</b>	DAIDS, NIAID (Immunodiagnosics, Inc.)
<b>NOTE:</b>	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 IIIB p24 Recombinant Protein." Also include the references cited above in any publications.
<b>Last Updated:</b>	September 09, 2016

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ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.