



NIH AIDS Reagent Program

20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

Phone: 240 686 4740
Fax: 301 515 4015
aidsreagent.org

DATA SHEET

Reagent:	HIV-1 IIIB p24 Recombinant Protein
Catalog Number:	12028
Lot Number:	100152
Provided:	50 µg in 20mM Na-Ac, 0.05M NaCl, pH 6.5 (1 mg/mL).
Purity:	This protein is purified by cation/anion affinity gel exclusion chromatography to >98% purity as determined by SDS-PAGE, reduced.
Special Characteristics:	<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>
Recommended Storage:	Keep at -80°C. Avoid freeze-thaw cycles as reagent degradation may result.
Contributor:	DAIDS, NIAID (Immunodiagnostics, Inc.)
NOTE:	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.
Last Updated:	September 09, 2016

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.