DATA SHEET

Reagent: HIV-1 IIIB p24 Recombinant Protein

Catalog Number: 12028

Lot Number: 120046

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: This protein binds to murine monoclonal antibodies of defined epitope specificity and to rabbit and human serum polyclonal antibodies in ELISA and Western ELISA.

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.

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