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Certificate of Analysis and Data Sheet

HIV-1 Envelope Ag conj. to HIV-2 gp36 Peptide

Catalog No.
MD-05-0086P

Species:
Human

Description:

HIV-1 env Ag conj. to gp36

Recombinant Human Immunodeficiency Virus Type 1 (HIV-1), envelope antigen conjugated to gp36 HIV-2 derived peptide.

Protein contains the C-terminus of gp120 and most of gp41, corresponding to amino acids 471-752 of the HIV BRU strain. It does not contain a fusion partner. Conjugated to a 23 amino acid Synthetic Peptide derived from gp36 of HIV-2 (AIEKYLKDQAQLNAWGCAFRQVC). Immunoreactive with HIV-1, HIV type O & HIV-2 positive sera.

Source:

E. coli/Synthetic

Format:

Purified, Liquid

Purification:

>95% pure (HPLC-C4, and 10% PAGE).
S-Sepharose, Ceramic Hydroxyapatite, S-300, G-25 and Dialysis.

Concentration:

1 mg/ml

Buffer:

100 mM Sodium Phosphate, pH 6.0 containing 0.05% SDS

Preservative:

None

Applications:

Suitable for use in ELISA and Western blots. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage:

Short-term (up to 1 month) store at 2-8 °C. Long term store at -20 °C.

Inactivation:

Not applicable

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**