

BIN072**HIV-1 gp160 - Purified****Alternate names:**

HIV-I, HIV1, Human immunodeficiency virus type 1

Quantity:

0.5 mg

Concentration:

1.0 mg/ml (OD280 nm)

Background:

HIV is a highly variable virus which mutates very readily. This means there are many different strains of HIV, even within the body of a single infected person. The strains of HIV1 can be classified into three groups : the "major" group M, the "outlier" group O and the "new" group N. These three groups may represent three separate introductions of simian immunodeficiency virus into humans. Group O appears to be restricted to West-Central Africa and group N, discovered in 1998 in Cameroon, is extremely rare. More than 90% of HIV1 infections belong to HIV1 group M.

Source:

E. coli

Format:

State: Liquid purified fraction (>95% pure by SDS-PAGE and Bradford et al.).
Buffer System: 8 M urea; 20 mM Tris-HCl, pH 8.0; 10 mM beta-mercaptoethanol without preservatives.

Applications:

Suitable for ELISA, Colloidal Gold and Western Blot.
Not recommended for Latex Beads.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Description:

HIV-I env antigen (recombinant) a.a 466 to a.a 753 of the HIV-1 env region, 32kDa. Beta-galactosidase (114kDa) fused at the N-terminus. Reacts strongly with human HIV positive serum.

Storage:

Store the antigen at 2-8°C.
DO NOT FREEZE!!
Shelf life: six months from despatch