

BIN025**Human HIV-1 Gag Capsid protein p24 - Azide Free**

Alternate names:	HIV-I, HIV1, Human immunodeficiency virus type 1
Quantity:	1 mg
Concentration:	Lot specific (Coomassie® Plus)
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.
Species:	Human
Source:	Pichia pastoris
Format:	State: Liquid purified protein Purity: Purity compares with reference lot (verified by SDS-PAGE). Buffer System: 0.02M Sodium phosphate, pH 6.5-7.5 without preservatives
Applications:	Suitable for use in ELISA and Western blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Description:	Human Immunodeficiency Virus-1 (HIV-1), p24, Recombinant. Recombinant HIV-1 p24 from HxB2 strain (entire p24 protein - total 231 amino acids). Contains a 6 histidine fusion partner. Major immunospecific band at 23 kDa. Minor bands at 46, 20, 18 and 6.5 kDa.
Storage:	Store at -20° to -70°C. Aliquot to avoid multiple freeze/thaw cycles. Shelf life: six months from despatch.