

viral Human Immunodeficiency Virus 1 (HIV-1) p24

Alternate names:	HIV-I, HIV1, HIVI, Human Immunodeficiency Virus I
Catalog No.:	AR05171PU-L
Quantity:	1 mg
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:	viral
Source:	Viral
Format:	State: Liquid purified protein Purity: >95.0% by HPLC analysis and SDS-PAGE Buffer System: 1.5M urea,Tris-HCl pH8.0 containing 50% glycerol
Applications:	ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Description:	Human Immunodeficiency Virus (HIV), produced in <i>E. coli</i> , the causitive agent of Acquired Immunodeficiency Syndrome, is a retrovirus belonging to the genus lentivirus. Mature p24 is cleaved from the gag gene product and forms the viral capsid, encapsulating the genomic RNA-nucleocapsid complex in the virion.
Storage:	Store the protein at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.