

Gag (HIV-1/Clade B)

CATALOG NUMBER: IV-Gag-008P, 50 µg

Introduction	Gag (group-specific antigen), also called precursor gag polyprotein, is the main structural protein of HIV-1. This precursor gag polyprotein is processed by viral protease during maturation to MA (matrix protein, p17); CA (capsid protein, p24); SP1 (spacer peptide 1, p2); NC (nucleocapsid protein, p7); SP2 (spacer peptide 2, p1) and P6 protein.
Applications	Western blot standard, antibody ELISA, HIV-1 entry inhibition, etc.
Description	Gag protein expressed and purified from <i>E.coli</i>
Viral Protein	C-terminal 6xhis tagged HIV-1 Gag (Clade B) protein (Genebank No. K03455)
Storage	Store at -20 °C; Stable for 3-months from the date of shipment when kept at 4 °C. Non-hazardous. No MSDS required.
Concentration	1 mg/ml (50 mM Phosphate buffer, pH 7.4, 0.5M NaCl, 0.2M Imidazole, 8M Urea)
Specificity	≥ 90% purity (SDS PAGE).

135—
95—
72—
52—
42—
34—
26—

SDS-PAGE: purified HIV-1 Gag (Clade B) protein