



Recombinant HIV type 1 p24 Antigen [Biotin] (DAG2932)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant HIV-1 p24 protein biotin conjugated. HIV-1 Gag protein is a polyprotein which, during viral maturation, is cleaved to release matrix p17, core p24 and nucleocapsid proteins. Capsid protein p24 forms the conical core that encapsulates the genome.
Species	HIV
Purity	> 90% estimated by SDS-PAGE (EU Ph. 5.0 § 2.5.31)
Conjugate	Biotin
Applications	WB, ELISA
Format	Liquid
Buffer	PBS
Preservative	None
Storage	Store lyophilized product at 2-8°C short term, following reconstitution, aliquot and store at -70°C or lower. Avoid repeated freeze/thaw cycles.

BACKGROUND

Introduction	p24 is a component of the HIV particle capsid. There are approximately 2000 molecules per virus particle, or a molecular weight of 24 kDa, about 10^4 virus particles per picogram of p24. The onset of symptoms of AIDS correlates with a reduction in the number of CD4+ T-cells and increased levels of virus and p24 in the blood. It is a component of the gag polyprotein.
Keywords	Human Immunodeficiency Virus; HIV p24; HIV; HIV-1 p24; HIV-1; HIV type 1 p24