



Recombinant HIV type 1 p24 Antigen [His] (DAG587)

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

PRODUCT INFORMATION

Product Overview	Recombinant HIV-1 p24 (a.a. 231 from strain HxB2), contains a 6 histidine fusion partner, was expressed in Pichia pastoris, reacts with HIV-1 positive human sera and monoclonal antibodies specific for conformational.
Species	HIV
Purity	Purity verified by SDS-PAGE
Conjugate	His
Applications	Suitable for use in ELISA and Western blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Liquid
Size	1 mg
Buffer	0.02M Sodium phosphate, pH 6.5 to 7.5
Preservative	None
Storage	Store at -65°C or below. Avoid repeated freezing and thawing.

BACKGROUND

Introduction	p24 is a component of the HIV particle capsid. There are approximately 2000 molecules per virus particle, or at a molecule 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
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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
