



# Recombinant HIV type 1 p24 Core Antigen [His] (DAG3534)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Recombinant Human immunodeficiency virus-1 P24 Core
<b>Specificity</b>	Immunoreactive with all sera of HIV-1 infected individuals.
<b>Species</b>	HIV
<b>Purity</b>	Greater than 95.0% as determined by HPLC analysis and SDS-PAGE.
<b>Conjugate</b>	His
<b>Applications</b>	WB, ELISA
<b>Format</b>	Liquid
<b>Buffer</b>	50mM Tris, pH 8.5 and 8M urea
<b>Preservative</b>	None
<b>Storage</b>	HIV-1 p24 core although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

## BACKGROUND

<b>Introduction</b>	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 increased levels of virus and p24 in the blood. It is a component of the gag polyprotein.
<b>Keywords</b>	Human Immunodeficiency Virus; HIV p24; HIV; HIV-1 p24; HIV-1; HIV type 1 p24