



Recombinant HIV type 1 p24 Antigen [GST] (DAG4736)

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

PRODUCT INFORMATION

Product Overview	Recombinant HIV-1 capsid protein p24, GST-tagged
Specificity	Immunoreactive with sera of HIV-infected individuals.
Species	HIV
Purity	> 95%, as determined by SDS-PAGE.
Conjugate	GST
Applications	HIV-1 p24 antigen is suitable for ELISA and Western blots, excellent antigen for detection of HIV with minimal specificity problems.
Format	Lyophilized
Buffer	20mM PBS pH-7.8, 20mM NaCl 0.5M, 1mM DTT 8M urea
Preservative	None
Storage	This product can be stored in working aliquots at 4° C for one month, or at -20° C for six months, with a carrier protein without detectable loss of activity. 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 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.
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Keywords

Human Immunodeficiency Virus; HIV p24; HIV; HIV-1 p24; HIV-1; HIV type 1 p24
