



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

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

### PRODUCT INFORMATION

<b>Product Overview</b>	Recombinant HIV-1 capsid protein p24, GST-tagged
<b>Specificity</b>	Immunoreactive with sera of HIV-infected individuals.
<b>Species</b>	HIV
<b>Purity</b>	> 95%, as determined by SDS-PAGE.
<b>Conjugate</b>	GST
<b>Applications</b>	HIV-1 p24 antigen is suitable for ELISA and Western blots, excellent antigen for detection of HIV with minimal specificity problems.
<b>Format</b>	Lyophilized
<b>Buffer</b>	20mM PBS pH-7.8, 20mM NaCl 0.5M, 1mM DTT 8M urea
<b>Preservative</b>	None
<b>Storage</b>	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

<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 <sup>4</sup> 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

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