



# Recombinant HIV type 1 p24 gag [His] (DAG2730)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	HIV-1 p24 gag His tag recombinant- is a 26 kDa non-glycosylated polypeptide chain, containing the HIV-1 p24 immunodominant regions, having a 6x His tag on the N-terminus.
<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 & SDS-PAGE.
<b>Conjugate</b>	His
<b>Applications</b>	HIV-1 p24 gag antigen is suitable for ELISA and Western blots, excellent antigen for early detection of HIV seroConvertors with minimal specificity problems.
<b>Preservative</b>	None
<b>Storage</b>	2-8°C short term, -20°C long term

## BACKGROUND

<b>Introduction</b>	The human immunodeficiency virus (HIV) is a lentivirus (slowly replicating retrovirus) that causes the acquired immunodeficiency syndrome (AIDS), a condition in humans in which progressive failure of the immune system allows life-threatening opportunistic infections and cancers to thrive. Without treatment, average survival time after infection with HIV is estimated to be 9 to 11 years, depending on the HIV subtype. Infection with HIV occurs by the transfer of blood, semen, vaginal fluid, pre-ejaculate, or breast milk. Within these bodily fluids, HIV is present as both free virus particles and virus within infected immune cells.
<b>Keywords</b>	HIV1 p24 gag; human immunodeficiency virus 1 p24 gag; human immunodeficiency virus; HIV