



Recombinant HIV type 1 (strain IIIB) p24 Antigen [His, Biotin] (DAG-WT326)

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

PRODUCT INFORMATION

Product Overview	The gag gene for the core antigen for p24 from HIV strain IIIB has been expressed as a recombinant antigen fused to a his-tag in its N-terminus and in vivo monobiotinylated
Purity	> 98% , as determined by SDS-PAGE
Conjugate	His, Biotin
Applications	WB/ELISA
Molecular Weight	40.2 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg
Buffer	20 mM phosphate buffer pH 6.0 and 0.15 M NaCl and 0.1% polyoxyethylene (10) tridecyl ether
Preservative	None
Storage	Store at -20°C to -80°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	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
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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.

Keywords

HIV1 p24; Human immunodeficiency virus 1 p24; Human immunodeficiency virus; HIV
