



Recombinant HIV type 1 P24 Protein [HRP, GST] (DAG1520)

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

PRODUCT INFORMATION

Product Overview	The E.coli derived HRP recombinant protein is a non-glycosylated polypeptide chain, containing the HIV-1 p24 immunodominant regions and fused to a GST tag at N-terminus.
Species	HIV
Purity	Greater than 90.0% as determined by HPLC analysis and SDS-PAGE.
Conjugate	HRP, GST
Applications	ELISA, WB, FC
Format	Liquid
Size	100 µg, 500 µg, 1 mg
Buffer	1.5M urea, 25mM Tris-HCl pH-8.0 and 50% Glycerol.
Preservative	None
Storage	HIV-1 p24 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Ship	Shipped with Ice Packs

BACKGROUND

Introduction	The human immunodeficiency virus (HIV) is a lentivirus (a subgroup of 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
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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.

Keywords

HIV P24; Human immunodeficiency virus P24; HIV
