



Recombinant HIV type 1 Glycoprotein 41 [HRP] (DAG4281)

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

PRODUCT INFORMATION

Product Overview	Recombinant HIV-1 gp41 Long, HRP-tagged
Specificity	Immunoreactive with all sera of HIV-1 infected individuals.
Species	HIV
Purity	Protein is > 95% pure as determined by 10% PAGE (coomassie staining) and RP-HPLC.
Conjugate	HRP
Applications	Antigen in ELISA and Western blots, excellent antigen for early detection of HIV seroconvertors with minimal specificity problems.
Concentration	1mg/ml, 50mM Tris-HCl, 10mM glutation, 60mM NaCl, 0.25% sarcosyl, 50% glycerol.
Preservative	None
Storage	2-8°C short term, -20°C long term

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 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.
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Keywords

env; Glycoprotein 41; gp41; TM; Transmembrane protein; HIV gp41 L
