



HIV type 2 Active RT (full length) (DAG-P2933)

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

PRODUCT INFORMATION

Product Overview	Active HIV2 Reverse Transcriptase full length protein
Antigen Description	HIV2 Reverse Transcriptase (RT) is used by the Human Immunodeficiency Virus to transcribe its RNA genome into single-stranded DNA. HIV2 RT can be used for incorporation of nucleotide analogs into DNA by RT-PCR or as a standard for assaying HIV2 RT activity in Human serum. In contrast to HIV1 RT, HIV2 RT is not inhibited by nonnucleoside RT inhibitors (NNRTI's).
Species	HIV
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	FuncS SDS-PAGE
Bio-activity	Activity: 10,000 U/mg (1 unit is defined as the amount of enzyme that incorporates 1.0 nmol of dTTP into acid-insoluble products in 10 min at 37°C).
Format	Liquid
Buffer	Preservative: None Constituents: 15% Glycerol, 0.2% BSA, 20mM Tris HCl, 1mM EDTA, 1mM DTT, pH 7.8
Preservative	None
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid 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
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progressive failure of the immune system allows life-threatening opportunistic

Keywords

p66 RT; Reverse transcriptase/ribonuclease H; HIV2 RT
