

Centre for AIDS Reagents

Data Sheet

Reagent:	Recombinant HIV-1 IIIB p66 (RT)
Catalogue:	100672
Application:	Reverse Transcriptase, ELISA / Western ELISA, Drug Screening
Concentration:	See vial
Mass/vial:	0.1mg
Volume/vial	See vial
Diluent:	50mM Tris,pH8,10% Glycerol 1mM DTT.0.2M NaCl
Purity:	>95%
Stabilizer:	None
Preservative:	None
Storage:	-75°C.
Physical State:	Frozen Liquid
Stability:	At Least 12 months at -75°C
Description:	Full length Recombinant heterodimeric HIV-1 IIIB p66 (RT) produced in E.coli expression system.
Purification:	This heterodimeric protein is purified by ion-affinity chromatography to >98% purity as determined by SDS-PAGE, reduced: apparent MW= 66kD.
Specificity:	This protein shows reactivity with murine monoclonal antibodies and human polyclonal antibodies in ELISA and Western ELISA.
Biological Activity:	0.1 unit of purified RT incorporates a minimum of 5 picomoles of dTTP per minute under standard RT assay conditions.
Application & Instructions for use:	<p>Recommended concentrations for use are approximate values. A dose dependent response assay should be performed to determine the optimal concentration for use in specific applications.</p> <p>ELISA and Western ELISA require 1-10ng protein depending on the nature and affinity of the test antibody. Solid phase antigen in 50-100ng amounts shows reactivity with human serum antibodies in dot blot assays.</p>

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