

Centre For AIDS Reagents

Data Sheet

NAME:	Recombinant tat HIV-1 Bal
REPOSITORY REFERENCE:	ARP6017
DESCRIPTION:	Full length (101 amino acids) Recombinant HIV-1 Bal tat produced in the E.coli Expression System.
PURITY:	This protein was purified by solvent extraction, ion affinity and macro-molecular sieving to approx.95% purity, as determined by SDS-PAGE, reduced. MW: approx. 16kD
SPECIFICITY:	This protein binds to murine monoclonal antibodies of defined epitope specificity and rabbit and human serum polyclonal antibodies in ELISA and Western ELISA.
PRESENTATION:	50µg
BUFFER:	50mM Tris, 0.1M NaCl, 2mM dtt, pH7.8
STORAGE/STABILITY:	-75°C/ At least 6 months
SOURCE:	ImmunoDiagnostics Inc, MA, USA
APPLICATIONS:	Transcriptional activation assays with tat are performed in 1-10µg/ml range. ELISA and Western ELISA require tat in 10-100ng protein range.
NOTE:	Dilute tat stock solution in Tris-saline or saline-phosphate buffer, pH 7-8 immediately before use. Tat readily oxidizes in buffer solutions which may change its LTR- dependent transcriptional activation activity.
ACKNOWLEDGEMENTS:	Publications should acknowledge the donor of the reagent and the Centre for AIDS Reagents. Suggested wording can be found on our website in the “Acknowledgement” section at:-

www.nibsc.org/science_and_research/virology/centre_for_aids_reagents.aspx

Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR, this can be by e-mail or printed copy