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DATA SHEET

Reagent:	HIV-1 HXB2 Reverse Transcriptase/MI84V
Catalog Number:	3195
Lot Number:	003 050801
Provided:	15 µl each (0.15 mg/ml) in 50mM Phosphate (pH 7.0), 150mM NaCl and 50% glycerol.
Molecular Weight:	117 kD
Purity:	Purified by metal chelate column (>80%). Specific activity 10000 units/mg, determined on poly (rA)/oligo (dT). One unit catalyzes incorporation of 1 pmole precursor into product in 10 minutes at 37degreeC.
Special Characteristics:	M184V mutant of HIV-1_{HXB-2} RT derived from HXB-2 proviral clone. Recombinant heterodimeric protein produced in *E. coli*. Non-glycosylated. Mutation confirmed via DNA sequencing. Protein has not been sequenced.
Recommended Storage:	-70°C for long-term; -20°C for short-term only (~1 week).
Contributor:	Dr. Vinayaka Prasad and Dr. Mark Wainberg.
References:	Wainberg MA, Drosopoulos WC, Salomon H, Hsu M, Borkow G, Parniak M, Gu Z, Song Q, Manne J, Islam S, Castriota G, Prasad VR. Enhanced fidelity of 3TC-selected mutant HIV-1 reverse transcriptase. *Science* **271**:1282-1285, 1996.
NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1_{HXB2} Reverse Transcriptase/MI84V from Dr. Vinayaka Prasad." Also include the reference cited above in any publications. Limited to two aliquots per lab. Larger amounts can be obtained upon request from the contributor.
Last Updated:	June 27, 2018