

Reverse Transcriptase, Recombinant HIV

Source: *Recombinant protein produced in E.coli*

I.U.B.: 2.7.7.49

Chromatographically purified heterodimer composed of 66kDa and 51kDa subunits. Supplied as a solution in 10mM potassium phosphate, pH 7.4, 1mM DTT and 20% glycerol. Primarily for AIDS research purposes; this enzyme has less fidelity than the AMV enzyme in other applications such as the preparation of cDNA from mRNA for cloning purposes.

Unit Definition: One Unit incorporates 1 nmole of tritiated d-TMP into acid precipitable products using poly(A)/oligo(dT)12–18 as the template/primer in 20 minutes at 37° C, pH 8.3.

Note: The current assay uses a more efficient template/primer combination that results in an approximate two-fold increase in specific activity compared to our previous assay. As a result, Worthington's package sizes contain the same amount of protein with twice as much activity based upon the new assay.

Reverse Transcriptase, Recombinant, HIV

Code: RTHIV

Chromatographically purified dimeric form with M.W. of 66 kDa and 51 kDa. A solution in 10mM potassium phosphate, pH 7.4, 1mM DTT and 20% glycerol. Store at -20° C.

Source: *E. coli plasmid pRC-RT*

Minimum Activity: ≥10,000 units per mg protein

Cat#	Pack Size
LS05003	200 un
LS05006	1000 un
LS05000	Bulk