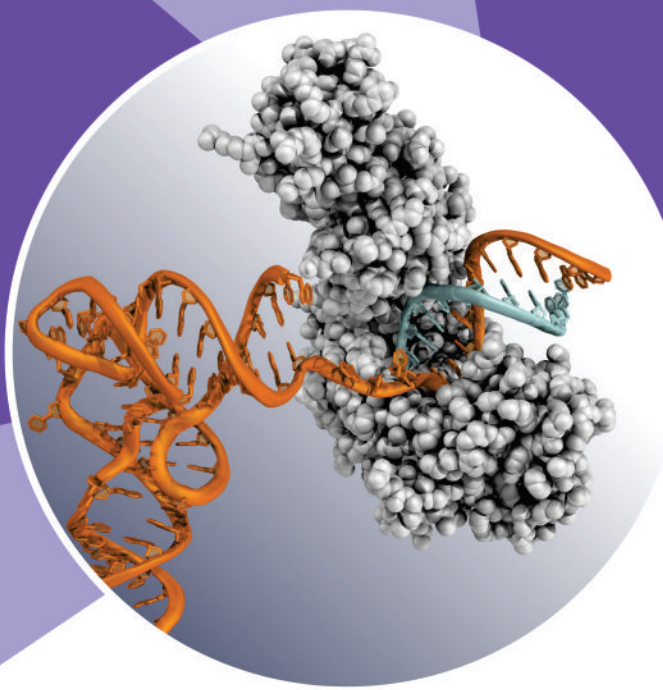


# HUWEL RT Enzy

(MMLV Reverse Transcriptase)



## Description

- Moloney Murine Leukemia Virus Reverse Transcriptase MMLV RT is a DNA polymerase that uses RNA/ single-stranded DNA as template in the presence of primer/Oligo dT to synthesize a complementary DNA strand.

## Source

- Recombinant; isolated from E. coli expressing portion of the pol gene of M-MLV on a plasmid.

## Features

- M-MLV Reverse Transcriptase has RNase H activity and lacks 3'→5' and 5'→3' exonuclease activity
- Supplied with HUWEL RT RB (5X RT storage Buffer)
- Free from E.Coli DNA
- RNase and DNase free

## Concentration

100 U/μL

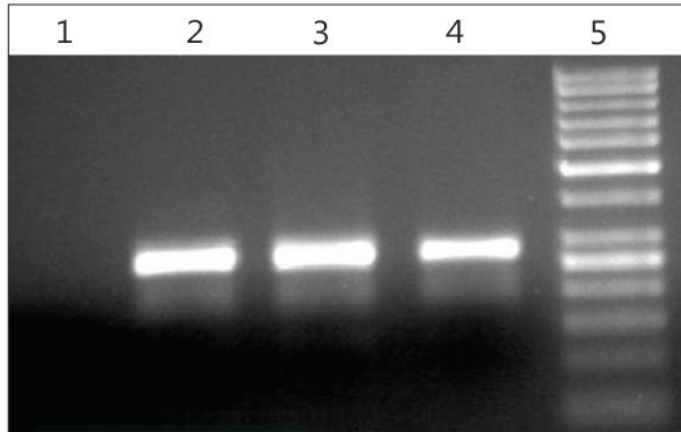
## Applications

Can be used in the following applications

- 1st strand cDNA synthesis
- RT-PCR
- Primer extension

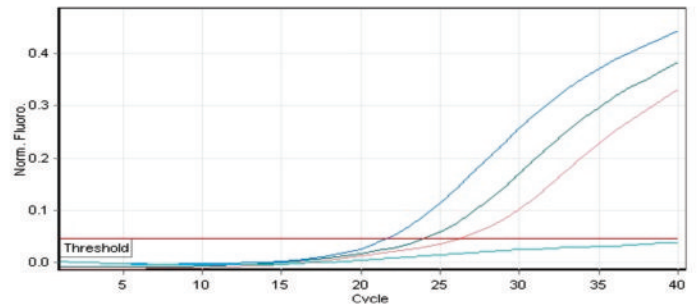
## Quality

Activity and Purity of HUWEL RT Enzy



- Lane1 - -ve control  
 Lane2 - 150U of RT Enzyme  
 Lane3 - 200U of RT Enzyme  
 Lane4 - 100U of RT Enzyme  
 Lane5 - Ladder

## Activity of HUWEL RT Enzy



NO.	NAME	SAMPLE TYPE	CT
1 (Blue)	HLRTE200U	PC	21.74
2 (Green)	HLRTE150U	PC	24.07
3 (Red)	HLRTE100U	PC	26.39
4	HLRTE200U	NTC	-

## Storage

- The recommended storage condition is -20°C.
- Avoid keeping at room temperature for long and repeated freeze thaws.

## Ordering Information

Cat. No	Units	Enzyme	Buffer
HLRTE-5.0KU	5000	1 x 50µl	1 x 1.0ml
HLRTE-10KU	10000	1 x 100µl	1 x 1.0ml
HLRTE-50KU	50000	1 x 500µl	5 x 1.0ml

## OUR MOLECULAR DIAGNOSTIC KITS RANGE

- Quantiplus Adeno Virus Quantitation Kit
- Quantiplus BK Virus Quantitation Kit
- Quantiplus Epstein Bar Virus Quantitation Kit
- Quantiplus CMV Quantitation Kit
- Quantiplus Chikungunya detection Kit
- Quantiplus MTB/NTM detection Kit
- Quantiplus Dengue detection Kit
- Quantiplus HBV Quantitation Kit
- Quantiplus HSV 1&2 Detection Kit
- Quantiplus JAK-2 V617>F mutation detection Kit
- Quantiplus BCR-ABL Quantitation Kit
- Quantiplus Dengue genotyping
- Quantiplus JC virus Quantitation Kit
- Quantiplus JE Virus detection Kit
- Quantiplus Cryptococcus detection Kit
- Quantiplus Malaria Detection kit
- Quantiplus Toxoplasma Detection kit
- Quantiplus HPV 16 & 18 detection kit

**ALL KITS PACK SIZE: 25RXNS & 50RXNS**



**HUWEL LIFESCIENCES PVT. LTD.**

Thriving with science

First Floor, H.No. 3-14/2, Survey No. 312, Narsingi Village, Gandipet Mdl, R.R. District, Hyderabad - 500 075, Telangana. • Mobile: +91 9052226226

E-mail : info@huwellifesciences.in • Website : www.huwellifesciences.in