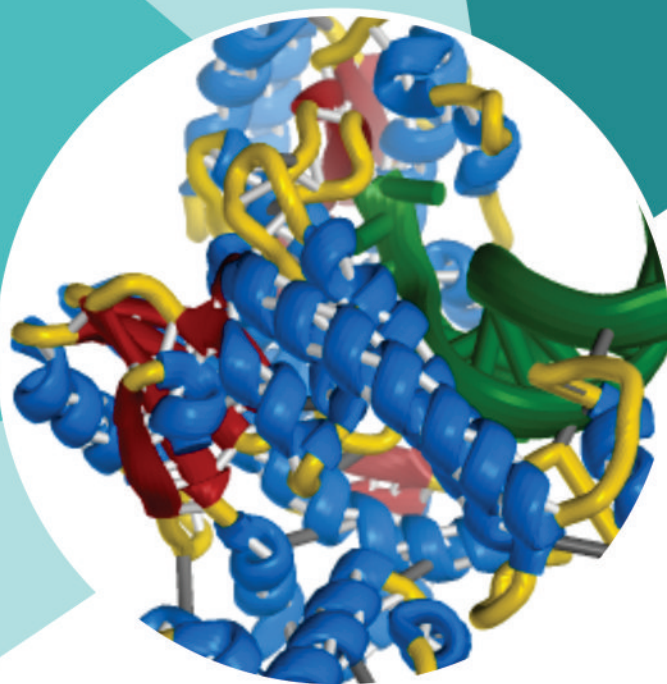


HUWEL Klen Taq Enzy

(Thermostable polymerase
for Long and accurate PCR)



Description

- HUWEL Klen Taq DNA Polymerase is a 5'-exonuclease N-terminally truncated *Thermus aquaticus* DNA polymerase

Source

- Recombinant *E.coli* strain bypassing the 5'→3' exonuclease domain of the DNA polymerase-encoding gene.

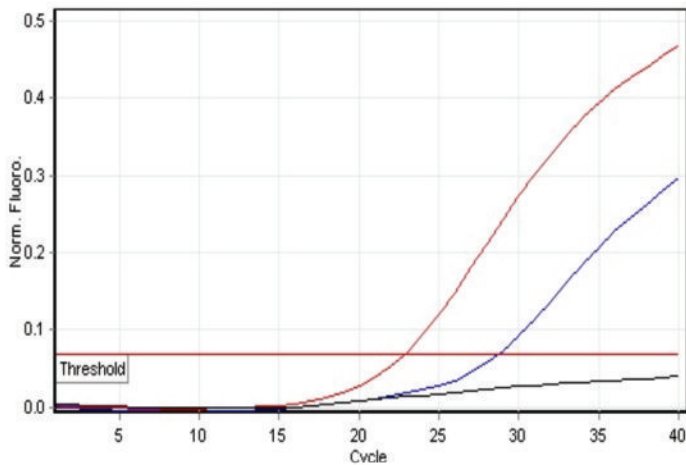
Features

- Increased thermostability and processivity, resulting in increased yields of amplified products.
- The increased thermostability allows higher temperature conditions to disrupt difficult secondary structures or GC-rich templates.
- Amplification of difficult structure or GC-rich templates
- Increased fidelity at up to 4× higher than that of Taq DNA polymerase
- Can amplify up to 5 DNA targets
- Supplied with HUWEL Klen Taq RB (10X Complete Reaction Buffer)
- Free from *E.Coli* DNA
- RNase and DNase free

Applications

Used for standard and specialized applications including:

- Long Range PCR
- RT-PCR
- Multiplex PCR
- PCR-based DNA fingerprinting (VNTR, STR and RAPD)
- Generating PCR fragments for TA cloning



HUWEL ■ Others ■

Concentration

5 U/μL

Quality

- HUWEL Klen taq is functionally tested in amplification of a single-copy gene from human genomic DNA.

Storage

Recommended storage condition is -20°C

Ordering Information

Cat. No	Units	Enzyme	Buffer
HLKTQ-100U	100	1 x 20μl	1 x 100μl
HLKTQ-500U	500	1 x 100μl	1 x 500μl
HLKTQ-1KU	1000	1 x 200μl	1 x 1.0ml
HLKTQ-5KU	5000	1 x 1.0 ml	5 x 1.0ml

Ref: Product and technical insert

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

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