



Enzymes

Discover the power of innovation with Leadgene's portfolio of enzymes for molecular biology and protein engineering. Our expert and skilled team develops and manufactures all products in-house, guaranteeing premium quality for your research needs.

In Vitro Transcription

Enzyme	Cat. No.	Description
T7 RNA Polymerase	41604	Synthesizing RNA single strands from DNA templates
Inorganic Pyrophosphatase (Yeast)	42501	Accelerating reaction of in vitro transcription

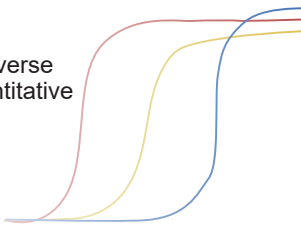
Reverse Transcription

Enzyme	Cat. No.	Description
M-MLV Reverse Transcriptase	40513	Synthesizing cDNA first strands from RNA templates
M-MLV Reverse Transcriptase (Glycerol-Free)	45402	
HIV-1 Reverse Transcriptase	43901	

Molecular Cloning

Enzyme	Cat. No.	Description
Hot Start Taq DNA Polymerase (Glycerol-Free)	45302	Catalyzing DNA elongation in hot-start PCR
Bst DNA Polymerase (Large Fragment)	43802	Catalyzing DNA elongation in isothermal PCR
Bst DNA Polymerase (Large Fragment) (Glycerol-Free)	45502	
Fast T4 DNA Ligase	41011	For efficient ligation in 5-30 minutes

PCR Master Mix

Enzyme Set	Cat. No.	Description
2X One-Step Probe RT-qPCR Master Mix	43401	For one-step reaction of reverse transcription (RT) and quantitative PCR (qPCR) 
2X One-Step Probe RT-qPCR Master Mix (Glycerol-Free)	43501	
5X One-Step Probe RT-qPCR Master Mix	43101	
5X One-Step Probe RT-qPCR Master Mix (Glycerol-Free)	43301	
2X Probe qPCR Master Mix	43401	For probe-based qPCR
2X Probe qPCR Master Mix (Glycerol-Free)	43501	
2X RT-LAMP Master Mix	43601	For one-step reaction of RT and isothermal PCR
2X Colorimetric RT-LAMP Master Mix	43701	For one-step reaction of RT and isothermal PCR with the HNB indicator
2X Fluorescent RT-LAMP Master Mix	45001	For one-step reaction of RT and isothermal PCR with a fluorescent indicator
StablePlus™ 2X RT-LAMP Master Mix	44801	For one-step reaction of RT and isothermal PCR with a nucleic acid stabilizer
StablePlus™ 2X Fluorescent RT-LAMP Master Mix	45101	For one-step reaction of RT and isothermal PCR with a fluorescent indicator and a nucleic acid stabilizer

Bioprocessing

Enzyme	Cat. No.	Description
UniHRV 3C Protease	64231	Cleaving HRV 3C linker: LEVL ^{FQ↓} GP
ULP1 Protease	46100	Cleaving the bond between the SUMO tag and the protein of interest
Nuclease	44702	Degrading all forms of DNA and RNA over a wide temperature and pH range
LEADSPHERE® Proteinase K	69531	Digesting proteins and inactivating ribonuclease for nucleic acid sample preparation
Endoglycosidase H	46402	Cleaving asparagine-linked oligomannose and hybrid from N-linked glycoproteins

2023Feb

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