

Product

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ENZYMES & REAGENTS FOR REVERSE TRANSCRIPTION & PCR

Reverse Transcription Enzymes

M-MuLV Reverse Transcriptase (RNase H-) (Concentration: 200 units/ μ l) Application : For synthesis of cDNA from RNA	MBT072-1000U	1000u
	MBT072-5000U	5000u
AMV Reverse Transcriptase (Concentration 20 units/ μ l) Application : For synthesis of cDNA from RNA	MBT073-100U	100u
	MBT073-250U	250u

DNA Polymerases

Supplied with 10X Buffer A with / without $MgCl_2$, 10X Buffer S with 17.5 mM $MgCl_2$, 50mM $MgCl_2$, Enzyme vial

Taq Polymerase (5 units/μl) (10X Buffer A without $MgCl_2$)	MBT060-500U	500u
	MBT060-1000U	1000u
	MBT060-5000U	5000u
	MBT060-20x500U	20x500u
Taq Polymerase (5 units/μl) (10X Buffer A with $MgCl_2$)	MBT060A-500U	500u
	MBT060A-1000U	1000u
	MBT060A-5000U	5000u
	MBT060A-20x500U	20x500u
Taq Polymerase (3 units/μl) (10X Buffer A without $MgCl_2$)	MBT060B-500U	500u
	MBT060B-1000U	1000u
	MBT060B-5000U	5000u
	MBT060B-20x500U	20x500u
Taq Polymerase (3 units/μl) (10X Buffer A with $MgCl_2$)	MBT060C-500U	500u
	MBT060C-1000U	1000u
	MBT060C-5000U	5000u
	MBT060C-20x500U	20x500u
Taq Polymerase (1 unit/μl) (10X Buffer A without $MgCl_2$)	MBT060D-500U	500u
	MBT060D-1000U	1000u
	MBT060D-5000U	5000u
	MBT060D-20x500U	20x500u
Taq Polymerase (1 unit/μl) (10X Buffer A with $MgCl_2$)	MBT060E-500U	500u
	MBT060E-1000U	1000u
	MBT060E-5000U	5000u
	MBT060E-20x500U	20x500u
Hi-Proof DNA Polymerase (5 units/μl) (Proof reading Enzyme) (10X Buffer A without $MgCl_2$) Source : <i>Pyrococcus furiosus</i> Application : Has 3' - 5' Proof reading activity.	MBT068-100U	100u
	MBT068-200U	200u
	MBT068-500U	500u

Hi-Long Amp DNA Polymerase (5 units/μl) (10X Buffer A without $MgCl_2$) Source: <i>E. coli</i> with cloned pol gene from <i>Thermus aquaticus</i> and thermostable DNA polymerase. Application: For high-fidelity amplification and cloning of blunt-ended amplification products	MBT069-100U	100u
	MBT069-200U	200u
	MBT069-500U	500u
	MBT069-1000U	1000u
Hi-Temp DNA Polymerase (2.5 units/μl) (10X Buffer A without $MgCl_2$) Source : <i>E. coli</i> with cloned antibody of <i>Thermus aquaticus</i> Application : Hot-start activation results in specific and sensitive amplification of PCR template.	MBT070-100U	100u
	MBT070-200U	200u
	MBT070-500U	500u
	MBT070-1000U	1000u
ChromTaq DNA Polymerase (1 unit/μl) (10X Buffer A without $MgCl_2$) Source : <i>Thermus aquaticus</i> Application: For enhanced amplification with indicators for ease of visualization of the addition of polymerase to reaction.	MBT088-100U	100u
	MBT088-200U	200u
	MBT088-500U	500u

dNTPs

dATP solution, 100 mM, 0.25 ml	MBT054-0.25ML	0.25ml
dCTP solution, 100 mM, 0.25 ml	MBT055-0.25ML	0.25ml
dGTP solution, 100 mM, 0.25 ml	MBT056-0.25ML	0.25ml
dTTP solution, 100 mM, 0.25 ml	MBT057-0.25ML	0.25ml
dNTP solutions set, contains 100 mM each of dATP, dCTP, dGTP, dTTP (0.25ml of each dNTP)	MBT058-4X0.25ML	4X0.25ml
dNTP solutions set, contains 10 mM each of dATP, dCTP, dGTP, dTTP (0.25ml of each dNTP)	MBT079-4X0.25ML	4X0.25ml
A ready to use mix of dATP, dCTP, dGTP and dTTP solutions, 100mM (containing 25 mM each dNTP)	MBT059-1ML	1ml
A ready to use mix of dATP, dCTP, dGTP and dTTP solutions, 10mM (containing 2.5 mM each dNTP)	MBT078-1ML	1ml

PCR Enhancers

PCR Enhancer I Store at 2-8°C (A proprietary mixture containing Betaine) Application : For all types of PCR	MBT085-1VL	1vl*
	MBT085-5VL	5vl*
PCR Enhancer II Store at 2-8°C (A proprietary mixture containing DMSO) Application : For long PCR	MBT086-1VL	1vl*
	MBT086-5VL	5vl*