



# Fisher Biotec Product Range

Enzymes Taq DNA Polymerase - dNTPs Nucleotides – Agarose –  
PCR Reagents and Buffers – Biochemicals – DNA Markers –  
EDNA Testing Kits: DNA Extraction



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Fisher Biotec offers a comprehensive range of quality products at competitive prices. We specialize in the manufacture of leading-edge products for Molecular Biology, Genomics and Proteomics research.

*Cat. Nº	Description	Pack Size
<b>FISHER BIOTEC – ENZYMES Taq DNA POLYMERASE</b>		
TAQ-1	<b>Taq DNA Polymerase</b> is a native enzyme isolated from <i>Thermus thermophilus</i> YT1. Suitable for PCR-based DNA amplification, cycle sequencing, amplification of cloned inserts in vectors, and primer extensions. Supplied with 25mM MgCl <sub>2</sub> (1ml) and 10x PCR Reaction Buffer A (1ml).	250 units
TAQ-2		500 units (2x250)
TAQ-3		1000 units (4x250)
TAQ-3-1		1000 units (1x1000)
TF1-1	<b>Taq F1 DNA Polymerase</b> is a recombinant thermostable DNA Polymerase suitable for all PCR applications. Supplied with 25mM MgCl <sub>2</sub> (1ml) and 10x PCR Reaction Buffer A (1ml).	250 units
TF1-2		500 units (2x250)
TF1-3		1000 units (4x250)
TF1-3-1		1000 units (1x1000)
TF2-1	<b>Taq F2 DNA Polymerase</b> is a recombinant thermostable DNA Polymerase suitable for all PCR applications. Supplied with 25mM MgCl <sub>2</sub> (1ml) and 10x PCR Reaction Buffer B (1ml).	250 units
TF2-2		500 units (2x250)
TF2-3		1000 units (4x250)
TF2-3-1		1000 units (1x1000)
TAQ-Ti-1	<b>TAQ-Ti Heat Activated DNA Polymerase</b> is a recombinant thermostable DNA Polymerase with suppressed activity until heated to 92°C. Suitable for all PCR applications. Supplied with 25mM MgCl <sub>2</sub> (1ml) and 10x PCR Reaction Buffer B (1ml).	250 units
TAQ-Ti-2		500 units (2x250)
TAQ-Ti-3		1000 units (4x250)
TAQ-Ti-3-1		1000 units (1x1000)
<b>Fisher Biotec offers customized packaging of all Taq Products to meet your requirements – contact 1800 066 077</b>		
<b>FISHER BIOTEC – dNTPs - NUCLEOTIDES</b>		
DN-10-100	<b>dNTPs (dATP, dCTP, dGTP, dTTP)</b> are enzymatically synthesised from deoxy nucleotide monophosphates by a process of phosphorylation. The process uses highly specific enzyme systems which eliminate impurities and PCR inhibitors such as modified nucleotides and pyrophosphates. The dNTPs are then purified with preparative HPLC and are at least 98% pure.	4 x 10 µmole
DN-25-100		4 x 25 µmole
DN-40		4 x 40 µmole
DN-100		4 x 100 µmole
<b>The complete range of Fisher Biotec individual nucleotides is also available – contact 1800 066 077</b>		
DN-2M	<b>Ready-to-Use dNTP Mixes</b> are designed to save researchers time and minimize the possibility of contamination because of the fewer pipetting steps required. Ready-to-Use dNTP mixes are supplied as an aliquot of an equimolar mix of each nucleotide (dATP, dCTP, dGTP, dTTP).	1 ml of 2mM equimolar mix
DN-10M		1 ml of 10mM equimolar mix
DN-10M-10		10 x 1 ml of 10mM equimolar mix
DN-1M-10		10 x 1 ml of 1mM equimolar mix
<b>Ready-to-Use dNTP mixes can be supplied in any required combination or concentration – contact 1800 066 077</b>		
<b>FISHER BIOTEC – AGAROSE</b>		
AG100	<b>Molecular Biology Grade Agarose</b> is recommended for Southern and Northern blotting applications where high purity is required. Its low EEO makes it ideal for separation of DNA from 100 to 50,000bp.	100 gms
AG500		500 gms (1x500)
HRA100	<b>High Resolution Agarose</b> is most suited for separation of fragments between 250 and 1,000 bp.	100 gms
HRA500		500 gms (1x500)
LMA50	<b>Low Melting Point Agarose</b> is ideal for purification and extraction of finely resolved DNA products of >1,000bp.	50 gms
LMA100		100 gms (1x100)

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*Cat. №	Description	Pack Size
<b>FISHER BIOTEC – REAGENTS &amp; BUFFERS FOR PCR</b>		
PB-1	<b>5x PCR Polymerisation Buffer</b> is supplemented with dNTPs in a ready-us-use format.	1 ml
PB-10	Suited for all PCR reactions. Does not contain MgCl <sub>2</sub> .	10 x 1 ml
TQRB-1	<b>Taq DNA Polymerase 10x Reaction Buffer</b> is recommended to be used in conjunction with Taq DNA Polymerase to obtain optimal performance in all PCR situations. Does not contain dNTPs or MgCl <sub>2</sub> .	1 ml
TQRB-10		10 x 1 ml
TQRB-50		50 ml
MC-1	<b>25 mM Magnesium Chloride</b> is nuclease-free, PCR grade reagent prepared under aseptic conditions. Suitable for use in PCR reactions.	1 ml
MC-10		10 x 1 ml
MC-50		50 ml
UPW-100	<b>Ultra Pure Water (PCR Grade)</b> is nuclease-free, treated and tested to ensure the absence of contaminating DNase and RNase activity.	100 ml
UPW-200		200 ml
UPW-500		500 ml
BSA-10	<b>Bovine Serum Albumin</b> solution is treated to ensure the absence of any contaminating DNase or RNase activity. Conc: 10mg/ml.	10 mg
BSA-20		20 mg
BSA-50		50 mg
GLB2-5	<b>2x Gel Loading Buffer</b> contains 5% ficoll 400, 0.8% bromophenol blue, and 0.8% xylene cyanol in TE Buffer pH 8.0.	5 ml
GLB2-25		25 ml
GLB6-1	<b>6x Gel Loading Buffer</b> contains 15% ficoll 400, 0.25% bromophenol blue, and 0.25% xylene cyanol in TE Buffer pH 8.0.	1 ml
GLB6-5		5 ml
GLB6-10		10 ml
TAE-50-500	<b>50X TAE Buffer (Tris-acetate-EDTA)</b>	500 ml
TBE-5-500	<b>5X TBE Running Buffer (Tris-borate-EDTA)</b>	5 x 500 ml
TBE-1	<b>Tris-EDTA (10x TBE Buffer)</b> each sachet is sufficient to make 1 litre.	4 sachets
TE-1-100	<b>TE Buffer 1x</b> , Molecular Grade (pH 8.0)	1000 ml
TE7-1-500	<b>TE Buffer pH 7.0</b> , sterile	500 ml
TE8-1-500	<b>TE Buffer pH 8.0</b> , sterile	500 ml
TE8-100-1-S	<b>TE Buffer pH 8.0</b> , nuclease free	100 ml
TE8-50-1	<b>TE Buffer pH 8 Nuclease Free</b> , sterile	50 ml
T8-10MM-100	<b>Tris-HCl Buffer pH 8.0</b>	100 ml
TGB-1	<b>Tris-gLycine Buffer (10x Laemmli)</b> each sachet is sufficient to make 1 litre.	4 sachets
PBS-1	<b>Phosphate Buffered Saline (10x PBS)</b> each sachet is sufficient to make 1 litre.	4 sachets
<b>FISHER BIOTEC – CLONING BIOCHEMICALS</b>		
	<b>IPTG (Isopropyl-beta-D-Thiogalactopyranoside)</b>	1 gm
1758-1400-5		5 gms
1758-1400-10		10 gms
	<b>X-Gal (5-Bromo-4-chloro-3-indolyl b-D-galactopyranoside)</b>	500 mg
1758-0300-05		1 gms
1758-0300-1		5 gms
1758-0300-5		10 gms
	<b>DTT/Clelands Reagent (Dithiothreitol)</b>	5 gms
1758-9030-5		10 gms
1758-9030-10		25 gms
1758-9030-25		
<b>FISHER BIOTEC – DNA MARKERS</b>		
LAM-H3	<b>Lambda/Hind III</b> fragments for sizing DNA from 125 bp to 23 Kb.	100 µg
LAM-E1	<b>Lambda/Eco R1</b> fragments for sizing DNA from 3530 bp to 21 Kb.	100 µg
LAM-EH	<b>Lambda/Eco R1 and Hind III</b> fragments for sizing DNA from 564 bp to 21 Kb.	100 µg
PUC-H2	<b>pUC19/Hpa II</b> fragments for sizing DNA in the lower register.	100 µg
FN-1	<b>FN-1</b> fragments for sizing DNA in the mid to low molecular range.	100 µg
<b>FISHER BIOTEC – DYES &amp; STAINS</b>		
ETB-10-10	Ethidium Bromide Solution, 10mg/ml	10 ml

\*Please quote Catalog № when ordering

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*Cat. Nº	Description	Pack Size
<b>FISHER BIOTEC – EDNA TESTING KITS: DNA EXTRACTION</b>		
EB-100	<b>EDNA HiSpEx Blood Kit</b> is an easy DNA high-speed blood extraction kit developed to rapidly produce denatured DNA suitable for PCR and related processes using manual or high-throughput robotic systems, without centrifugation.	100 reactions
EB-1000		1000 reactions
EB-10000		10000 reactions
ET-100	<b>EDNA HiSpEx Tissue Kit</b> is an easy DNA high-speed tissue extraction kit developed to rapidly produce denatured DNA suitable for PCR and related processes using manual or high-throughput robotic systems, without centrifugation.	100 reactions
ET-1000		1000 reactions
ET-10000		10000 reactions
EP-100	<b>EDNA HiSpEx Plant Kit</b> is an easy DNA high-speed plant extraction kit developed to rapidly produce denatured DNA suitable for PCR and related processes using manual or high-throughput robotic systems, without centrifugation.	100 reactions
EP-1000		1000 reactions
EP-10000		10000 reactions
ANDE-100	<b>XytXtract™ Insect (ANDE) Kit</b> is a rapid and non-destructive DNA extraction method without the need for a centrifuge. The protocol uses some of the chemicals routinely used by morphological taxonomists in preparation of insect and mite samples for dissection or slide mounting.	100 reactions
ANDE-1000		1000 reactions
ANDE-10000		10000 reactions
<b>FISHER BIOTEC – DNA/RNA INACTIVATION REAGENT</b>		
RNX-500	DNA Eliminator, spray bottle	500 ml
RNX-500-R	DNA Eliminator, refill bottle	500 ml
RNX-1000	DNA eliminator, spray bottle	1000 ml
RNX-1000-R	DNA Eliminator, refill bottle	1000 ml

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#### Terms and Conditions

All prices quoted in AUD and exclude GST\*. A delivery charge applies to all orders. Unless otherwise stated, accessories shown are extra. Fisher Biotec reserves the right to withdraw offers at any time.

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