



Fisher Biotec PCR Reagents & Buffers



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For all your life science requirements

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

5x PCR Polymerisation Buffer

Reaction buffer supplemented with dNTPs in a ready-to-use format. Ideally suited for applications involving primer extension and PCR. This buffer does not contain $MgCl_2$. Stable when stored at $-20^{\circ}C$.

Catalog No	Pack Size
PB-1	1 ml
PB-10	10 x 1 ml

Taq DNA Polymerase 10x Reaction Buffer

This Reaction Buffer is prepared to the specifications that optimise the performance of Taq DNA Polymerase. It is recommended that only this buffer be used in conjunction with Taq DNA Polymerase, to obtain optimal performance in all PCR situations. This buffer does not contain dNTPs or $MgCl_2$. Stable when stored at $-20^{\circ}C$.

Catalog No	Pack Size
TQRB-1	1 ml
TQRB-10	10 x 1 ml
TQRB-50	50 ml

25 mM Magnesium Chloride

Nuclease-free, PCR grade reagent prepared under aseptic conditions. Suitable for use in PCR reactions. Stable when stored at $-20^{\circ}C$.

Catalog No	Pack Size
MC-1	1 ml
MC-10	10 x 1 ml
MC-50	50 ml

Ultra Pure Water (PCR grade)

Nuclease-free, molecular biology grade product treated and tested to ensure the absence of contaminating DNase and RNase activity. This product is suitable for use in PCR.

Catalog No	Pack Size
UPW-100	100 ml
UPW-200	200 ml
UPW-500	500 ml

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Bovine Serum Albumin

Bovine Serum Albumin solution treated and tested to ensure the absence of any contaminating DNase or RNase activity. Stable when stored at -20°C

Concentration: 10 mg/ml

Catalog №	Pack Size
BSA-10	10 mg
BSA-20	20 mg
BSA-50	50 mg

2x Gel Loading Buffer/Dye

2x Gel Loading Buffer contains the tracking dyes bromophenol blue and xylene cyanol FF as well as the intercalating dye ethidium bromide. 2x Gel Loading Buffer also contains the denaturing agent formamide, which allows RNA fragments to separate according to size even during non-denaturing electrophoresis.

Catalog №	Pack Size
GLB2-5	5 ml
GLB2-25	25 ml

6x Gel Loading Buffer/Dye

6x Gel Loading Buffer contains 15% ficoll 400, 0.25% bromophenol blue and 0.25% xylene cyanol in TE Buffer pH 8.0, for visual tracking of DNA migration during electrophoresis.

Catalog №	Pack Size
GLB6-1	1 ml
GLB6-5	5 ml
GLB6-10	10 ml

50x TAE Buffer (Tris-acetate-EDTA)

TAE Buffer is used for electrophoresis of nucleic acids in agarose and polyacrylamide gels and can be used both as a running buffer and as a gel preparation buffer. Recommended resolution of RNA and DNA fragments larger than 1500 bp, for genomic DNA.

Catalog №	Pack Size
TAE-50-500	500 ml

5x TBE Running Buffer (Tris-borate-EDTA)

TBE Buffer is used for electrophoresis of nucleic acids in agarose and polyacrylamide gels. The TBE Buffer solution contains a mixture of Tris base, boric acid and EDTA.

Catalog №	Pack Size
TBE-5-500	5 x 500 ml

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10x TBE (Tris-borate-EDTA) Buffer

Each pack contains 4 sachets of buffer mix. Each Sachet is sufficient to make 1 litre of 10x buffer.

Catalog №	Pack Size
TBE-1	4 sachets

TE Buffer

TE Buffer 1x, Molecular Grade (pH 8.0).

Catalog №	Pack Size
TE8-1-1000	1000 ml

TE Buffer pH 7.0, Sterile

1X TE buffer solution, sterile and filtered.

Catalog №	Pack Size
TE7-1-500	500 ml

TE Buffer pH 8.0, Sterile

1X TE buffer solution, sterile and filtered.

Catalog №	Pack Size
TE8-1-500	500 ml

TE Buffer pH 8.0, Nuclease Free

TE Buffer is Nuclease free.

Catalog №	Pack Size
TE8-1-100	100 ml

TE Buffer pH 8.0, Nuclease Free, Sterile

TE Buffer is Nuclease free and sterile.

Catalog №	Pack Size
TE8-1-50	50 ml

PCR Reagents and Buffers

10x Tris- Glycine (Laemmli) Buffer

Each pack contains 4 sachets of buffer mix. Each Sachet is sufficient to make 1 litre of 10x buffer.

Catalog №	Pack Size
TGB-1	4 sachets

10x PBS (Phosphate Buffered Saline)

Contains sodium phosphate and sodium chloride. Each pack contains 4 sachets of buffer mix. Each Sachet is sufficient to make 1 litre of 10x buffer.

Catalog №	Pack Size
PBS-1	4 sachets

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