

MOLECULAR BIOLOGY GRADE WATER

In the life sciences, high purity water is a staple solvent used in all cell and molecular biology laboratories.

Fisher BioReagents Water, Molecular Biology Grade is ideal for many fundamental procedures such as PCR, electrophoresis, DNA sequencing and buffers for enzymatic analyses.

KEY FEATURES

- 0.03 micron filtered to ensure high purity
- Tested for DNase, RNase, and protease to ensure absence of these hydrolytic enzymes
- Deionised for very low metal ion content
- Variety of product pack sizes to meet various laboratory needs

APPLICATIONS

- Ideal for making reagents, rinsing glass and plasticware, and sample preparation
- DNA/RNA/protein extraction and purification
- Used to prepare buffers for enzymatic reactions
- PCR technology, blotting applications, and DNA sequencing



Cat. No.	Description	Pack qty
Molecular Biology Grade Water		
10490025	Water, Molecular Biology Grade, sterile filtered	100mL
10505854	Water, Molecular Biology Grade, sterile filtered	1L
10154604	Water, Molecular Biology Grade, sterile filtered	4L
10318354	Water, Molecular Biology Grade, sterile filtered	10L
10517554	Water, Molecular Biology Grade, sterile filtered	20L

Cat. No.	Description	Pack qty
Other grades of water products used in life science research		
10091543	Water, Biotech grade, sterile	4L
10448153	Water, Biotech grade, sterile	20L
10295243	Water, DEPC-treated, nuclease free, sterile	50mL
10336503	Water, DEPC-treated, nuclease free, sterile	100mL
10192813	Water, DNA Grade, Dnase and protease free, sterile	1L
15812544	Water, for qPCR or RT-qPCR	1L
10245203	Water, for RNA work, DEPC-treated, DNase/RNase-free	1L
11343892	Water, Microbial Cell Culture Grade, sterile	500mL

CORE PRODUCTS

Vital Products for Life Science Research from Fisher BioReagents

Fisher BioReagents offer over 1000 products dedicated to four key application areas:

- Molecular Biology
- Cell Biology
- Protein Chemistry
- Core Bioreagents

For higher productivity in your routine research techniques, choose Fisher BioReagents products:

- High-purity products that meet stringent industry specifications for critical factors such as purity, water content, levels of contaminants and absence of DNase, RNase and protease activity
- Reagents are suitable for the designated technique



A variety of grades are available from Fisher BioReagents to support your specific application

Material Grade	Definition
DNA Grade	Designates reagents suitable for use in molecular biology applications involving the manipulation of DNA. Tested for specific contaminants such as DNase and protease.
DNA Synthesis	Designates reagents suitable for use with automated DNA synthesis instrumentation.
Electrophoresis	Material used specifically for electrophoresis applications.
Genetic Analysis Grade	Material that is specially prepared for various molecular cloning applications. Tested for specific contaminants such as DNase and RNase.
Molecular Biology Grade	Designates reagents suitable for use in molecular biology applications. Tested for specific contaminants such as nucleases and bacteria where appropriate.
Molecular Genetics	Reagent chemicals that have been specifically purified and assayed for molecular genetics applications.
PCR Grade	Material suitable for use in polymerase chain reaction (PCR).
Peptide Synthesis	Designates reagents suitable for use with protein synthesis instrumentation.
Protein Electrophoresis Grade	Material used specifically for protein electrophoresis applications.
Sequencing	Material designed for use with automated DNA or protein sequencing equipment.
Tissue Culture Grade	Materials of superior quality where there are no published standards and that are suitable for use in tissue culture applications.
CellPURE™	Biological buffers, ideal for cell cultivation, isolation of cells, enzyme assays, and other biochemical applications.

Cat. No.	Description	Pack qty
Reagents for Electrophoresis		
10562595	Acrylamide, for electrophoresis	100g
10235203	Acrylamide, for electrophoresis	500g
10502605	Acrylamide, for electrophoresis	5kg
10688973	Agarose, broad separation range, DNA/RNA/Genetic Analysis Grade	100g
10776644	Agarose, broad separation range, DNA/RNA/Genetic Analysis Grade	500g
10766834	Agarose, low-EEO multi-purpose, Molecular Biology Grade	100g
10366603	Agarose, low-EEO multi-purpose, Molecular Biology Grade	500g
10592945	Dithiothreitol (Clelands reagent, DTT) for electrophoresis	5g
10386833	Dithiothreitol (Clelands reagent, DTT) for electrophoresis	25g
10467963	Glycine, for electrophoresis buffers and culture media	500g
10061073	Glycine, for electrophoresis buffers and culture media	1kg
10754724	Glycine, for electrophoresis buffers and culture media	5kg
10358424	Silver nitrate, for silver staining	100g
10593335	Sodium dodecyl sulfate (SDS) for electrophoresis	100g
10356463	Sodium dodecyl sulfate (SDS) for electrophoresis	500g
10593355	Sodium dodecyl sulfate (SDS) for electrophoresis	5kg
11727499	Sodium persulfate, 98+%	1kg
10103203	Tris base, DNase RNase and protease free	500g

Cat. No.	Description	Pack qty
10376743	Tris base, DNase RNase and protease free	1kg
10724344	Tris base, DNase RNase and protease free	5kg
10667243	Tris base, DNase RNase and protease free	10kg
10336793	Tris base, DNase RNase and protease free	25kg
10102913	Triton™ X-100 for electrophoresis	100mL
10254583	Triton™ X-100 for electrophoresis	500mL
10113103	Tween™ 20	100mL
10485733	Tween™ 20	500mL
10592955	Tween™ 80	500mL
Reagents for Genomics & Proteomics		
10668973	Ammonium acetate, ≥97%, for DNA precipitation	500g
10306553	Ammonium phosphate dibasic, for biology	500g
10244923	Ammonium sulfate, protease-free for protein purification	1kg
10011273	Ammonium sulfate, protease-free for protein purification	2.5kg
10746064	D-Biotin, for Avidin-Biotin interactions and affinity chromatography	1g
10734344	Caesium chloride, for molecular biology	100g
10629743	Caesium chloride, for molecular biology	500g
10629553	Caesium chloride, for molecular biology	1kg
10386503	Caesium chloride dihydrate, DNase RNase and protease-free	1kg
10468543	Phosphate Buffered Saline (PBS), 10X solution	500mL
10204733	Phosphate Buffered Saline (PBS), 10X solution	1L
12899712	Phosphate Buffered Saline (PBS), 10X solution	4L
10649743	Phosphate Buffered Saline (PBS), 10X solution	20L
10735874	Potassium chloride, for molecular biology	500g
10697623	Potassium chloride, for molecular biology	1kg
10051263	Potassium nitrate, for molecular biology	500g
10677623	Potassium phosphate dibasic, for molecular biology	500g
10468153	Potassium phosphate dibasic, for molecular biology	1kg
10458153	Potassium phosphate monobasic, for molecular biology	1kg
10498913	Sodium acetate anhydrous, for molecular biology	1kg
10667623	Sodium acetate trihydrate	1kg
10677243	Sodium azide	500g
10244683	Sodium bicarbonate, for molecular biology	500g
10553325	Sodium bicarbonate, for molecular biology	1kg
10553165	Sodium carbonate, for molecular biology	1kg
10316943	Sodium chloride, for molecular biology	1kg
10553515	Sodium chloride, for molecular biology	2.5kg
10123443	Sodium chloride, for molecular biology	10kg
10797024	Sodium citrate dihydrate, granulated	500g
10787024	Sodium citrate dihydrate, granulated	1kg
10396313	Sodium phosphate dibasic anhydrous, for molecular biology	1kg
10366793	Sodium phosphate dibasic heptahydrate, for molecular biology	1kg
10133153	Sodium phosphate monobasic anhydrous, for molecular biology	500g
10173103	Sodium phosphate monobasic anhydrous, for molecular biology	1kg
10754534	Sodium phosphate monobasic monohydrate, for molecular biology	1kg
10021513	Sodium pyruvate, for molecular biology	100g
10285013	Sodium sulfate anhydrous, for molecular biology	500g
10081313	Sodium sulfite anhydrous, for molecular biology	500g
10648973	Tris Buffered Saline (TBS), 10X solution pH 7.4, for molecular biology	100mL
10153103	Tris Buffered Saline (TBS), 10X solution pH 7.4, for molecular biology	500mL
10776834	Tris Buffered Saline (TBS), 10X solution pH 7.4, for molecular biology	1L
10224683	Tris-EDTA, 1X solution pH 8, for molecular biology	100mL
10647633	Tris-EDTA, 1X solution pH 8, for molecular biology	500mL
10467773	Tris-EDTA, 1X solution pH 8, for molecular biology	1L
Cell Culture Media & Additives		
10193433	Ampicillin, sodium salt	5g
10419313	Ampicillin, sodium salt	25g
11375992	Luria agar, (Miller's LB agar), granulated	500g
12887172	Luria agar, (Miller's LB agar), granulated	2kg
11305992	Luria broth, (Lennox LB broth), large granules	500g
11315992	Luria broth, (Lennox LB broth), large granules	2kg
11345992	Luria broth, (Miller's LB broth), large granules	500g
11325992	Luria broth, (Miller's LB broth), large granules	2kg
11306012	SOC medium	5 x 10mL

To view the full range of products and pack sizes, visit eu.fishersci.com/go/fisherbioreagents

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