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Absolute Ethanol (200 proof)

Molecular Biology Grade

Fisher BioReagents Absolute Ethanol (200 proof)

is an ultrapure molecular biology grade ethanol used for the purification and precipitation of biomolecules such as nucleic acids and proteins.

Also, it is used in histology to prepare staining and destaining reagents and for dehydrating tissues prior to embedding.

Key Features:

- 200 proof, absolute ethyl alcohol
- Tested for DNase, RNase and Protease to ensure absence of these hydrolyzing enzymes
- Meets the ACS specifications for Absolute Ethyl Alcohol
- All federal taxes paid
- 0.2 micron filtered
- Water $\leq 0.2\%$
- Variety of product pack sizes to meet various laboratory needs qualified for molecular biology research applications, eliminating the need for testing

Applications:

- Purification and precipitation of nucleic acids (DNA and RNA) and proteins
- Preparation of staining and destaining solutions
- Dehydration of cells and tissues prior to paraffin wax embedding
- Extraction medium
- Chromatographic reagent

Laboratory Markets:

- Academic labs (cell and molecular biology)
- Biotech industry
- Pharmaceutical industry
- Government research labs

| Cat. No. | Volume |
|------------|--------|
| BP2818-100 | 100mL |
| BP2818-500 | 500mL |
| BP2818-4 | 4L |



Product Specifications:

| | |
|--|--|
| Product Part Numbers and Package Configurations | BP2818-100, 100mL, amber glass bottle BP2818-500, 500mL, amber glass bottle BP2818-4, 4L, amber glass bottle |
| Appearance | Colorless liquid |
| Infrared Spectrum | Conforms |
| Purity (Assay) | $\geq 99.5\%$ by Volume |
| Impurity (Benzene by GC) | ≤ 2 ppm |
| DNase | Not Detected |
| RNase | Not Detected |
| Protease | Not Detected |
| Color (APHA) | 10 Maximum |
| Solubility in Water | Pass test |
| Acetone, IPA | Pass test ~ 0.001% Acetone ~ 0.003% IPA |
| Residue after evaporation | 0.001% Maximum |
| Titration acid | 0.0005 meq/g Maximum |
| Titration base | 0.0002 meq/g Maximum |
| Substances darkened by sulfuric acid | Pass test |
| Substances reducing permanganate | Pass test |
| Water (KF) | $\leq 0.2\%$ |
| Methanol | 0.1% Maximum |
| Chloramphenicol | Pass test |
| IPTG (Isopropyl-beta-D-thiogalactopyranoside), Dioxane | Pass test |
| Chloramphenicol | $\leq 0.2\%$ |
| IPTG (Isopropyl-beta-D-thiogalactopyranoside), Dioxane | 0.1% Maximum |

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Related Products:

The following BioReagents are complementary to molecular biology research applications and can be bundled with Fisher BioReagents™ Absolute Ethanol (200 proof), Molecular Biology Grade.

SurePrep™ Nucleic Acid Purification Kits

| Cat. No. | Product Description |
|-----------|---|
| BP2800-50 | TrueTotal™ RNA Purification Kit |
| BP2801-25 | Small RNA Purification Kit |
| BP2802-50 | RNA/DNA/Protein Purification Kit |
| BP2803-50 | Urine Exfoliated Cell RNA Purification Kit |
| BP2805-50 | Nuclear Or Cytoplasmic RNA Purification Kit |
| BP2806-50 | RNA/Protein Purification Kit |
| BP2807-50 | Leukocyte RNA Purification Kit |
| BP2809-50 | RNA Cleanup and Concentration Kit |
| BP2814-25 | Water RNA/DNA Purification Kit |
| BP2815-50 | Soil DNA Isolation Kit |
| BP2816-50 | FFPE RNA Isolation Kit |
| BP2817-50 | Plant/Fungi Total RNA Purification Kit |

Other Fisher BioReagents Functionally Tested for Molecular Biology Research

| Cat. No. | Product Description |
|------------|---|
| BP160-100 | Agarose, Low EEO, Multipurpose, 100g |
| BP1360-100 | Agarose, Low Melting, <1kb RNA, 100g |
| BP1356-100 | Agarose, Broad Separation Range for RNA, 100g |
| BP2900-500 | MOPS 10X Solution, 500mL |
| BP2900-1 | MOPS 10X Solution, 1L |
| BP1302-10 | Ethidium Bromide, 1% Solution, 10mL |
| BP2483-100 | EDTA 0.5 M (DEPC-treated), 100mL |
| BP2483-1 | EDTA 0.5 M (DEPC-treated), 1L |
| BP2483-500 | EDTA 0.5 M (DEPC-treated), 500mL |
| BP2484-50 | Water, Sterile (DEPC-treated) 50mL |
| BP2484-100 | Water, Sterile (DEPC-treated) 100mL |
| BP561-1 | Water, Sterile (DEPC-treated) 1L |
| BP2476-100 | Tris-EDTA, 1X Solution, pH 7.4, 100mL |
| BP2476-500 | Tris-EDTA, 1X Solution, pH 7.4, 500mL |



Fisher BioReagents™

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For customer service, call 1-800-766-7000

To fax an order, use 1-800-926-1166

To order online: www.fishersci.com

In Canada:

For customer service, call 1-800-234-7437

To fax an order, use 1-800-463-2996

To order online: www.fishersci.ca



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