

Discover. Synthesize. Analyze. Customize.

NEW Ethanol Solutions!

For Nucleic Acid & Protein Purification

70% and 96% Ethanol Solutions

Fisher BioReagents™ has expanded its Molecular Biology Grade Ethanol portfolio with the introduction of 70% and 96% ethanol solutions. These solutions are ideal to use for concentrating nucleic acid samples by precipitation often in the presence of monovalent cations (e.g. sodium or ammonium). Our alcohol solutions are specifically tested for DNase, RNase and Protease to verify the absence of hydrolytic enzymes, which can degrade target biomolecules during nucleic acid/protein isolation and purification. These solutions are also great in combination with commercial “mini-prep” kits or traditional extraction methods with organic solvents.



Now available in 500mL size!

Key Features:

- Ready-to-use alcohol solutions for molecular biology work. No need to purchase and mix two separate solvents (ethanol and water), which saves time, reduces experimental error and minimizes potential for contamination.
- Tested for DNase, RNase and Protease to ensure absence of these hydrolyzing enzymes
- All federal taxes paid
- 0.2 micron filtered; free of particulates
- Variety of product pack sizes to meet various laboratory needs.

Applications for 70% and 96% Ethanol:

- Purification and precipitation of nucleic acids (DNA and RNA) and proteins

Laboratory Markets:

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

Product Description	Cat. No.	Volume	Packaging
70% Ethanol Solution	BP8201-1	1L	Amber Glass
	BP8201-4	4L	
	BP8201-500	500mL	
96% Ethanol Solution	BP8202-1	1L	Amber Glass
	BP8202-4	4L	
	BP8202-500	500mL	

Test	70% Ethanol Solution Molecular Biology Grade	96% Ethanol Solution Molecular Biology Grade
Appearance	Clear, colorless liquid	Clear, colorless liquid
Color (APHA)	<10	<10
Residue after evaporation	<0.001%	<0.001%
Substances darkened by sulfuric acid	Pass test	Pass Test
Substances reducing permanganate	Pass test	Pass Test
Assay (GC-TCD)		
Ethanol	68-72%	94-98%
Water	28-32%	2-6%
Methanol	NA	NA
IPA	NA	NA
DNase	Not Detected	Not Detected
RNase	Not Detected	Not Detected
Protease	Not Detected	Not Detected

Related Products:

Our 70% and 96% ethanol solutions may be used with the following products for isolating and purifying nucleic acids and proteins:

DNA/RNA Purification Reagents and Kits:

Product Description	Cat. No.
TRIzol™ Plus RNA Purification Kit	12183-555
GLOBInclear™ Kit, human, for globin mRNA depletion	AM1980
GLOBInclear™ Kit, mouse/rat, for globin mRNA depletion	AM1981
LeukoLOCK™ Fractionation and Stabilization Kit	AM1923
MEGAclear™ Transcription Clean-Up Kit	AM1908
MICROBEnrich™ Kit	AM1901
MICROBExpress™ Bacterial mRNA Enrichment Kit	AM1905
Poly(A)Purist™ MAG Kit	AM1922
PureLink™ Pro 96 total RNA Purification Kit	12173-011A
PureLink™ RNA Micro Scale Kit	12183016
PureLink™ RNA Mini Kit	12183018A 12183020
PureLink™ RNA Mini Kit	12183025
PureLink™ Total RNA Blood Kit	K1560-01
RNAqueous™ Total RNA Isolation Kit	AM1912
RNAqueous™-Midi Total RNA Isolation Kit	AM1911
RiboMinus™ Concentration Module	K1550-05
RiboMinus™ Human/Mouse Transcriptome Isolation Kit	K1550-01
RiboMinus™ Transcriptome Isolation Kit, bacteria	K1550-04
RiboMinus™ Transcriptome Isolation Kit, human/mouse	K1550-02
RiboMinus™ Transcriptome Isolation Kit, yeast	K1550-03
TotALLY RNA™ Total RNA Isolation Kit	AM1910
Dynabeads® SILANE Viral NA Kit	37011D

The following products complete our Fisher BioReagents portfolio for Nucleic Acid Purification:

Product Description	Cat. No.
Molecular Biology Grade Absolute Ethanol (200 proof)	BP28184 BP2818100 BP2818500
Molecular Biology Grade Water	BP281910 BP2819100 BP28191 BP28194 BP281920
Molecular Biology Grade Isopropanol	BP26184 BP2618212 BP26181 BP2618500
Sodium Acetate Anhydrous	BP333500 BP3331
Lysozyme	BP53510 BP53525 BP5355 BP5351
Saturated Phenol (pH 6.6/7.9)	BP17501100 BP17504400
Molecular Biology Tris-EDTA, 1X Solution (pH 8.0)	BP2473100 BP24731 BP2473500



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

15-2273 LW/MB 9/15 BN0505152

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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