

5M Ammonium acetate

<u>Product Name</u>	<u>Product Code</u>	<u>Kit Packing</u>
5M Ammonium acetate	ML180-100ML	100 ml
	ML180-500ML	500 ml

Introduction: 5M Ammonium acetate is a vital solution which is used to study molecular biology, biological buffers, reagents and DNA and RNA purification. Ammonium acetate solution has been used to study pharmacokinetic analysis of α and β epimers of glycyrrhetic acid in rat plasma.

Description: 5M Ammonium acetate is used for routine precipitation of nucleic acids, and is especially useful for reducing the coprecipitation of unwanted dNTPs and contaminating oligosaccharides. This solution is ready to use and requires no extra preparation.

Procedure for Precipitation of DNA/ RNA:

1. Add 5M Ammonium Acetate to lysate to the final concentration of 2.5 M.
2. Add 2 volumes of 100% ethanol for DNA or 2.5 volumes of 100% ethanol for RNA.
3. Incubate the mixture at or below -20°C for 30 minutes.
4. Centrifuge at higher speed for 15 minutes.
5. Discard the supernatant

NOTE: Care should be taken not to disturb the pellet.

6. Wash the pellet with ice cold 70–75% ethanol to remove residual salt.
7. Resuspend in nuclease-free water (Product Code: ML024) or 1X TE (Product Code: ML060)

NOTE: Ammonium acetate should not be used when the nucleic acid will be phosphorylated using T4 polynucleotide kinase, because this enzyme is inhibited by ammonium ions.

Composition: : 5M Ammonium acetate solution is made from highly pure molecular biology grade Ammonium acetate and is ready to use

Please refer disclaimer Overleaf.

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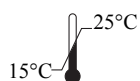
Properties:

Appearance	:	Colorless solution
Clarity	:	Clear and free of particles
pH	:	6.2-7.5 (25° C, 1 M in H ₂ O)
DNase & RNase	:	None detected
Bioburden	:	None detected
Suitability test	:	This solution has been tested and is suitable for use

Storage conditions: 5M Ammonium acetate has to be stored at room temperature (15 - 25 °C).

Technical Assistance

At HiMedia we pride ourselves on the quality and availability of our technical support. For any kind of technical assistance, mail at mb@himedialabs.com.



Storage temperature



Do not use if package is damaged



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Disclaimer :

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