

5M Potassium hydroxide

<u>Product Name</u>	<u>Product Code</u>	<u>Kit Packing</u>
5M Potassium hydroxide	ML004-100ML	100 ml
	ML004-500ML	500 ml

Intended Use

Recommended for various Molecular Biology experiments.

Introduction:

Potassium hydroxide is a highly basic caustic reagent and forms strong alkaline solutions in water and other polar solvents. For this reason, it is widely used to neutralize acids and prepare potassium salts of reagents.

Description:

5M Potassium hydroxide is a ready to use solution which can be easily used for various molecular biology applications. It can be easily diluted to any concentration below 5 M. Potassium hydroxide solution is widely used in molecular biology to neutralize acids and to prepare various reagents which contains potassium salts.

Application:

5M Potassium hydroxide solution is an accurately formulated, ready-to-use solution of Potassium hydroxide. It is used in a variety of large-scale applications, such as the manufacture of soap, the mercerizing of cotton, electroplating, photoengraving, and lithography. Potassium hydroxide is also used in the analysis of bone and cartilage samples by histology. The use of KOH in studies of the binding of intercalating anticancer drugs to nucleic acids has been investigated.

Composition:

Potassium hydroxide is made from highly pure molecular biology grade Potassium hydroxide and conveniently premixed to save time.

Properties:

Appearance/ Color/ Clarity	: Colorless clear solution and free of particles
DNase & RNase	: None detected
Sterility	: No Bacterial or Fungal growth observed after 14 days of incubation as per USP Specifications.
Suitability Test	: This reagent has been tested and is suitable for use in Molecular Biology Applications.

Please refer disclaimer Overleaf.

Storage:

The 5M Potassium hydroxide solution has to be stored at 15-25°C. Under recommended condition, the reagent is stable for 48 months.

Warning and Precautions

Not for Medicinal Use. Read the SDS carefully before beginning the protocol. Potassium hydroxide causes severe skin irritation. Wear protective gloves/protective clothing/eye protection/face protection. Follow good clinical laboratory practices while handling clinical samples. Standard precautions should be followed as per established guidelines. Safety guidelines may be referred in safety data sheets of the product.

Performance and Evaluation

Performance of the solution is expected when the solution is stored at recommended temperature and within the expiry period.









Safety Information

The 5M Potassium hydroxide is for laboratory use only, not for drug, household or other uses. Take appropriate laboratory safety measures and wear gloves and safety goggles when handling. Not compatible with disinfecting agents containing bleach. Please refer the Safety Data Sheet (SDS) for information regarding hazards and safe handling practices.

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.

Symbol

	Manufacturer		Do not use if package is damaged
	Batch code		Temperature limit
	Date of manufacture (YYYY-MM)		Consult instructions for use
	Use-by date (YYYY-MM)		Catalogue number

Identification No.: PIML004

Rev No.: 04

Date of Issue: 2026-03

Disclaimer :

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