

SM Buffer

<u>Product Name</u>	<u>Product Code</u>	<u>Kit Packing</u>
SM Buffer	ML103-100ML	100 ml
	ML103-500ML	500 ml

Introduction:

SM Buffer is a mixture of Sodium chloride, Magnesium sulphate and gelatin and is extensively used in molecular biology. This solution is a sterile-filtered, pre-mixed solution. This is used as a phage diluent and storage buffer as the gelatin stabilizes lambda phage.

Application:

SM Buffer is mainly used for routine manipulation of phage suspensions. It is used for preparation and storage of lambda phage.

Composition:

SM Buffer contains 100mM Sodium chloride, 10mM Magnesium sulphate, 50mM Tris-HCl, pH 7.5 and 0.01% (w/v) gelatin.

Properties:

Appearance	: Colorless solution
Clarity	: Clear and free of particles
DNase	: None detected
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 as a phage diluent and storage buffer.

Storage conditions:

SM Buffer has to be stored at 15-25°C. Under recommended condition, the reagent is stable for 12 months.

Please refer disclaimer Overleaf.

Warning and Precautions

Not for Medicinal Use. Read the SDS carefully before beginning the protocol. 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

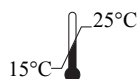
Performance of the solution is expected when the solution is stored at recommended temperature and within the expiry period.

Safety Information

The SM Buffer 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.



Storage temperature



Do not use if package is damaged



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ML103-02

Disclaimer :

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