

20X MOPS-SDS Running Buffer

<u>Product Name</u>	<u>Product Code</u>	<u>Kit Packing</u>
20X MOP-SDS Running Buffer	ML119-2X500ML	2X500ml
	ML119-10X500ML	10X500ml
	ML119-500ML	500ml

Introduction:

20X MOPS-SDS Running Buffer is formulated for running proteins on Bis-Tris gels only. This buffer is recommended for separating medium- to large-sized proteins. This pre-mixed buffer is supplied as a 20X concentrated solution.

Description:

Bis-Tris gels are polyacrylamide gels designed to give optimal separation of small to medium sized proteins under denaturing conditions. In contrast to the alkaline conditions of SDS-PAGE gels, Bis-Tris gels are acidic. A reducing agent, Sodium bisulphite, has to be added in this buffer before electrophoresis. This reducing agent helps in preventing disulphide bond formation. This buffer is provided as a 20X concentrated solution which has to be diluted with de-ionised water. Each time before use, add fresh Sodium bisulfite to a final concentration of 5 mM from a 1M stock.

Application:

20X MOPS-SDS Running Buffer is useful for high resolution of proteins on Bis-Tris gels.

Composition:

20X MOPS-SDS Running Buffer is composed of 1M MOPS, 1M Tris base, 2% SDS and 20mM EDTA.

Properties:

Appearance : Colorless solution
Clarity : Clear and free of particles
DNase & RNase : None detected
Suitability test : This solution has been tested and is suitable for use in Bis-Tris polyacrylamide gel electrophoresis.

Please refer disclaimer Overleaf.

Storage conditions:

20X MOPS-SDS Running Buffer has to be stored at 15-25°C. Under recommended condition, the reagent is stable for 6 months.

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

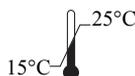
Performance of the solution is expected when the solution is stored at recommended temperature and within the expiry period.

Safety Information

The 20X MOPS-SDS Running 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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07/2026

PIML119_0/0723

ML119-02

Disclaimer :

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