

20X MOPS-SDS Running Buffer

<u>Product Name</u>	<u>Product Code</u>	<u>Kit Packing</u>
20X MOP-SDS Running Buffer	ML119-2X500 ML ML119-10X500 ML	2X500 ML 10X 500 ML

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
Bioburden	:	None detected
Suitability test	:	This solution has been tested and is suitable for use in Bis-Tris polyacrylamide gel electrophoresis.

Storage conditions: 20X MOPS-SDS Running Buffer has to be stored at 15 - 25^o 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.



Consult instructions for use



Do not use if package is damaged



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