

**Protein Running Buffer (10X)  
Tris-Glycine-SDS (10X)  
(Molecular Biology Grade)**

**Catalog #:** 351-132-101 500mL

**Store at:** 15°C to 30°C

**Shipped at:** ambient temperature

**Description**

Quality Biological's (QBI) Protein Running Buffer (10X) is prepared from molecular biology grade Tris base [tris(hydroxymethyl)aminomethane], sodium dodecyl sulfate (SDS) and USP Grade glycine using Quality Biological's Molecular Biology Grade (MBG) Water. The final product is sterile filtered through a 0.2µm filter membrane.

**Applications**

Protein Running Buffer (10X) is used for denaturing polyacrylamide gel electrophoresis (SDS-PAGE) of proteins.

**Quality Control***General*

All Quality Biological products for Molecular Biology are prepared according to standard published protocols.<sup>1,2</sup>

All products are subjected to a variety of quality control procedures, including pH and osmolality determinations in order to validate the product is within its specifications.

*Product Specific Testing*

Protein Running Buffer (10X) is routinely tested for the absence of DNase and RNase activity.

Test results of individual lots of Calcium Chloride 2M are available on the Quality Biological website.

**References**

1. Sambrook, J., Fritsch, E.F. & Maniatis, T. (1989) *Molecular Cloning, A Laboratory Manual*, 2<sup>nd</sup> Ed. Cold Spring Harbor Laboratory Press.
2. Ausubel, F.M. et al., eds. (1993), *Current Protocols in Molecular Biology*, Greene Publishing Associates, Inc., in association with John Wiley & Sons, Inc.
3. Davis, L.G., Dibner, M.D., & Battey, J.F. (1986) *Basic Methods in Molecular Biology*, Elsevier Science Publishing Company, Inc.

**Related Products****SDS Protein Gel Loading Solution (2X)**

Catalog #	351-082-661EA	10mL
	351-082-661	Pack of 5 x 10mL

**SDS Protein Gel Loading Solution (5X)**

Catalog #	351-334-021EA	5mL
	351-334-021	Pack of 5 x 5mL

**Tris Glycine Transfer Buffer (10X)**

Catalog #	351-087-131	1000mL
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**Blocking Solution**

Catalog #	351-080-101	500mL
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**All products sold by Quality Biological are intended for research use only. This product has not been approved for diagnostic or IVD use.**