
10X Tris Acetate Buffer (10X TAE)

Catalog #: 351-009-131 1000mL
351-009-491 4L

Store at: 15°C to 30°C
Shipped at: ambient temperature

Description

Quality Biological's (QBI) Tris Acetate Buffer (10X) (TAE Buffer) is prepared from Molecular Biology Grade Tris base [tris(hydroxymethyl)-aminomethane], EDTA (ethylenediaminetetraacetic acid), and ACS Grade glacial acetic acid using Quality Biological's Molecular Biology Grade (MBG) water. The final product is filtered through a 0.2µm filter and sterilized.

Applications

TAE and TBE buffers are widely used in DNA electrophoresis. However, TAE Buffer may be better suited in situations where DNA is to be recovered from the agarose electrophoresis substrate and subsequently purified, using a commercially available DNA purification kit.

Quality Control*General*

The quality of a product is a combination of careful selection of raw materials, proper manufacturing procedures, and diligent monitoring of each step.

All QBI products for Molecular Biology are prepared according to standard published protocols^{1,2} or to formulations provided by customers.

Quality Control is used to determine whether each step in the manufacturing process has been properly carried out and the finished product meets or exceeds the standards established for it.

Product Specific Testing

Tris Acetate Buffer (10X) is routinely tested for the absence of DNase, RNase, and Protease activity.

The test results of individual lots of Tris Acetate Buffer (10X) are available on the QBI website.

All products sold by Quality Biological, Inc. are intended for research use only. This product has not been approved for diagnostic or IVD use.

References

1. Sambrook, J., Fritsch, E.F. & Maniatis, T. (1989) *Molecular Cloning, a Laboratory Manual*, 2nd Edition., Cold Spring Harbor Press
2. Ausubel, F.M. et al., eds. (1993) *Current Protocols in Molecular Biology*. Green 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

5X DNA Gell Loading Solution

Catalog #	351-028-661EA	10mL
	351-028-661	5 x 10mL

50X Tris Acetate Buffer (50X TAE)

Catalog #	351-008-131	1000mL
	351-008-131CS	10 x 1000mL
	351-008-491	4L
	351-008-151	10L

10X Tris Borate EDTA Buffer (10X TBE)

Catalog #	351-001-131	1000mL
	351-001-131CS	10 x 1000mL
	351-001-491	4L
	351-001-151	10L

DEPC Treated Water

Catalog #	351-065-721EA	100mL
	351-068-721	Pack of 4 x 100mL
	351-068-131	1000mL
	351-068-131CS	10 x 1000mL
	351-068-491	4 Liters
	351-068-151	10 Liters
	351-068-161	20 Liters

Molecular Biology Grade Water

Catalog #	351-029-721EA	100mL
	351-029-721	Pack of 4 x 100mL
	351-029-101	500mL
	351-029-101CS	10 x 500mL
	351-029-131	1000mL
	351-029-131CS	10 x 1000mL
	351-029-491	4 Liters
	351-029-151	10 Liters
	351-068-161	20 Liters