

Product information

QF 24 V4
V1 Sept 2024

TAE Buffer (Tris-Acetate-EDTA)

Catalog #: A0023 / A0033
Size: 1 L
Storage: 18~25°

Product Description:

The TAE buffer 25x solution (A0023) concentrate contains 1M Tris base, 0.5M acetic acid and 0.025M EDTA in water. The TAE buffer 50x solution (A0033) concentrate contains 2M Tris base, 1M acetic acid and 0.05M EDTA in water.

TAE (Tris/Acetate/EDTA) Buffer is commonly used in nucleic acid electrophoresis. This solution has a lower buffering capacity than TBE buffer, but dsDNA runs faster with TAE buffer. This 25x and 50x concentrate can be easily diluted with molecular biology grade water to 1x before use.

1x TAE buffer solution contains 0.04M Tris base, 0.02M acetic acid and 0.001M EDTA in water.

Application:

TAE buffer is suitable for use as running buffer for nucleic acid electrophoresis, which may be part of Northern and Southern blot hybridization procedures. Especially useful for dsDNA separations.

Storage:

Store at 18~25°C.

MUST USE ENTIRE CONTENTS FROM THE CONTAINER PER PREPARATION. The powders are mixed however not blended.



PRODUCTS ARE INTENDED FOR BASIC SCIENTIFIC RESEARCH ONLY.
NOT INTENDED FOR HUMAN OR ANIMAL USE.