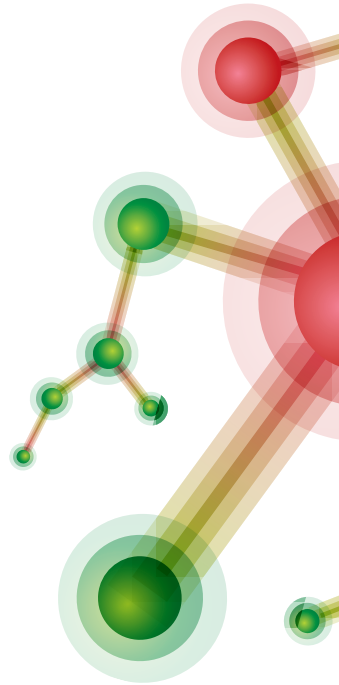
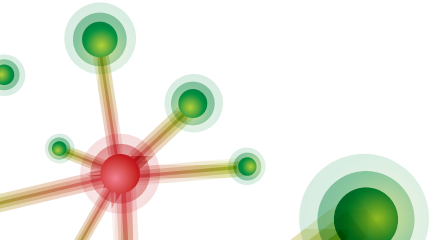
50 x TAE Buffer



Component	AG20
50x TAE Buffer	250 ml



blirt® DNA GDAŃSK

50x TAE Buffer

TAE (Tris-acetate-EDTA) is the most commonly used buffer for the agarose gel electrophoresis of nucleic acids. Its highest resolution performance is obtained when separating large DNA fragments (> 2000 bp). If an excision of a gel slice containing a DNA fragment, known as a DNA gel-out, is required, the use of the TAE buffer is recommended.

Applications

- → As a running buffer for electrophoresis of nucleic acids in agarose gels
- → Preparation of agarose gels
- → Electrophoresis of large DNA fragments
- → DNA gel-out procedures

Additional information

Formulation
2.0 M Tris (pH 8.3), 1.0 M acetic acid, 0.05 M EDTA

Quality control
The TAE buffer has been tested in electrophoretic runs utilizing agarose gels. The absence of nucleases has been confirmed by the relevant QC procedures.

Storage conditions
Store at +4°C or room temperature.

Shipping conditions
Shipping at room temperature

Usage
- → Prior to use, the stock solution provided should be diluted to the working solution strength.
- → In order to obtain a working solution (1x concentrated), dilute one part of the 50x TAE buffer stock solution provided in 49 parts of distilled water; for example, add 980 ml of distilled water for every 20 ml of the stock solution.
- → The preparation of a fresh working solution before each electrophoresis run is recommended.

ⓘ For research use only

Date of purchase

Warranty
6 months from the date of purchase when stored at +4°C

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