

Specification

TE buffer (1X) pH 8.0

A2575

Physical Description:	Liquid
Product Code:	A2575
Product Name:	TE buffer (1X) pH 8.0
Short Description:	additional product description: aqueous solution
Specifications:	<p>pH (20°C; adjusted with HCl): 8.0 ± 0.1</p> <p>Composition:</p> <p>EDTA-$\text{Na}_2 \cdot 2\text{H}_2\text{O}$: 0.372 g/L (1 mM)</p> <p>Tris: 1.211 g/L (10 mM)</p>
WGK:	nwg
Storage:	RT
CS:	38220000
Comment	TE-Puffer (pH 8.0) is the standard buffer solution for dissolving and storage of plasmid DNA or oligonucleotides, because nucleic acids are largely protected from degradation.
Bibliography	<p>(1)Sambrook, J., Fritsch, E.F. & Maniatis, T. (1989) <i>Molecular Cloning</i>: A Laboratory Manual, 2nd Edition; Page B.20. Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York. (2)Ausubel, F.A., Brent, R., Kingston, R.E., Moore, D.D., Seidman, J.G., Smith, J.A. & Struhl, K. (eds.) (1995) <i>Current Protocols in Molecular Biology</i>. Greene Publishing & Wiley-Interscience, New York.</p>

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