

Buffers

Ultrapure Water, Reagent Grade

Cat. No.	Volume
HUW-500	500ml

Description: Ultrapure Water is purified by ion exchange, activated carbon absorption and Ultrafiltration. Its resistance is above 18.0M Ω . It can be used for all molecular biology applications.

Storage: Store at room temperature.

50XTAE, Electrophoresis Grade

Cat. No.	Volume
HTA-250	250ml

Description: 50 \times TAE Buffer is a sterile filtered solution of 2M Tris-acetate and 50mM EDTA. TAE buffer is the most commonly used buffer for agarose DNA electrophoresis. A 1 \times TAE buffer solution contains 40mM Tris-acetate and 1mM EDTA at pH8.3.

Storage: Store at room temperature.

5XTBE (DNA Sequencing Grade)

Cat. No.	Volume
HTB-500	500ml

Description: 5×TBE Buffer is a sterile filtered solution of 445mM Tris, 445mM Boric acid and 10mM EDTA (pH8.0). 5×TBE buffer is used to prepare 1×buffer for polyacrylamide and agarose gel electrophoresis.

Storage: Store at room temperature.

DNA Loading Buffer

Cat. No.	Volume
HDL-2	2ml

Description: DNA Loading Buffer is a 6× sterile solution of 0.25% bromophenol blue and 40% sucrose (w/v). It is used for easy loading and tracking of DNA or RNA samples in agarose gels.

Storage: Store at room temperature.