



ISO 13485:2016 ISO 9001:2015

Ver. 25081

10X *Taq* Buffer

Cat No. OET003

Description

10X *Taq* Buffer is a concentrated buffer solution supplied with *Taq* DNA polymerase for PCR applications. It is typically composed of Tris-HCl to maintain optimal pH, KCl to provide ionic strength, and MgCl₂ depending on the formulation. When diluted to 1X in the PCR reaction, it creates the ideal environment for *Taq* polymerase activity, ensuring high efficiency and fidelity of DNA amplification.

Product Contents

10X *Taq* Buffer: 5×1mL

Storage: Store at -20°C

10X Buffer Composition

100mM Tris-HCl (pH 8.3 at 25°C), 500mM KCl, 15mM MgCl₂, detergent