

10× PCR Buffer with Mg²⁺ Set

#P5011b, 1.25 ml × 6

Components of the Set

10× PCR Buffer with MgCl ₂ (12.5mM)	1.25 ml
10× PCR Buffer with MgCl ₂ (15mM)	1.25 ml
10× PCR Buffer with MgCl ₂ (17.5mM)	1.25 ml
10× PCR Buffer with MgCl ₂ (20mM)	1.25 ml
10× PCR Buffer with MgCl ₂ (25mM)	1.25 ml
10× PCR Buffer with MgCl ₂ (30mM)	1.25 ml

Store at -20°C

For research use only.

In total 6 vials.

Description

The set contains six ready-to-use 10× PCR Buffers with Mg²⁺ for optimization of magnesium ion concentration in PCR applications with Taq DNA Polymerase. The Mg²⁺ concentration in each of the six buffers is different, ranging from 12.5mM to 30mM.

Quality Control

Amplification of a single-copy gene from human genomic DNA.

Composition of the 10× PCR Buffer with Mg²⁺

100mM Tris-HCl (pH8.8)

500mM KCl

1% Triton-X-100

12.5mM - 30mM MgCl₂

PRODUCT USE LIMITATION.

This product is developed, designed and sold exclusively *for research purposes and in vitro use only*. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.