

**10x Custom PCR Master Mix - No *Taq***

Description: The 10x Custom PCR Master Mix is a ready-to-use master mix. It is a convenient way of amplifying DNA fragments without the need to thaw individual components, reducing the risk of contamination and pipetting errors. dNTPs, reaction buffer and magnesium chloride are all present in the mix.

Ordering Information: SM-0005 1 x 1.0ml Vial 200 x 50 μ l reactions

Kit Components: Each vial contains 1.0ml of a 10x working concentration PCR Master Mix sufficient for 200 x 50 μ l reactions. The addition of the template, *Taq* DNA polymerase and primers results in a final reaction volume of 50 μ l, containing:

4.5mM Tris-HCl (pH 8.8 at 25°C)
11mM (NH₄)₂SO₄
4.5mM MgCl₂
0.113mg/ml BSA
4.4 μ M EDTA
1.0mM each of dATP, dCTP, dGTP and dTTP

Protocol: For a 50 μ l reaction, take 5 μ l of PCR Master Mix and add DNA polymerase, template, primers and water in a 45 μ l volume (scale up or down accordingly if required).

Storage Conditions: Store at -20°C until ready for use for up to 1 year. Avoid freeze thawing. Shipped on ice.

For Research Purposes Only

ABgene®UKABgeneHouse
Blenheim RoadEpsom, Surrey
KT19 9AP+ 44 (0)1372 723456
+ 44 (0)1372 741414 faxwww.thermo.com