



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

<b>Description:</b>	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.		
<b>Ordering Information:</b>	SM-0005	1 x 1.0ml Vial	200 x 50µl reactions
<b>Kit Components:</b>	Each vial contains 1.0ml of a 10x working concentration PCR Master Mix sufficient for 200 x 50µl reactions. The addition of the template, <i>Taq</i> DNA polymerase and primers results in a <u>final reaction volume of 50µl, containing:</u> 45mM Tris-HCl (pH 8.8 at 25°C) 11mM (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> 4.5mM MgCl <sub>2</sub> 0.113mg/ml BSA 4.4µM EDTA 1.0mM each of dATP, dCTP, dGTP and dTTP		
<b>Protocol:</b>	For a 50µl reaction, take 5µl of PCR Master Mix and add DNA polymerase, template, primers and water in a 45µl volume (scale up or down accordingly if required).		
<b>Storage Conditions:</b>	Store at -20°C until ready for use for up to 1 year. Avoid freeze thawing. Shipped on ice.		

### For Research Purposes Only

**ABgene®UK**

ABgeneHouse  
Bleinheim Road

Epsom, Surrey  
KT19 9AP

+ 44 (0)1372 723456  
+ 44 (0)1372 741414 fax

[www.thermo.com](http://www.thermo.com)