

2x PCR *TaqNova*-RED Master Mix

CERTIFICATE OF ANALYSIS

#RP85T	2x PCR <i>TaqNova</i> -RED Master Mix
Components:	2x PCR <i>TaqNova</i> -RED Master Mix, LOT: TEX855875 Water (PCR-grade), LOT: TEW855875
Batch Number:	TEZ855875
Expiry Date:	03.2022
Store at:	-20 ^o C
Shipping conditions:	Shipping on dry or blue ice
Supplied in:	20 mM Tris-HCl (pH 8.0 at 25°C), 200 mM KCl, 0.1 mM EDTA, 2 mM DTT, 0.5% (v/v) Nonident P40, 0.5% (v/v) Tween 20, 50% (v/v) glycerol
Specification:	<p>2x PCR <i>TaqNova</i>-RED is a 2x concentrated, ready-to-use PCR master mix which facilitates an easy and rapid PCR reaction set up. The 2x PCR <i>TaqNova</i>-RED solution contains a reaction buffer, magnesium chloride, dNTPs and a thermostable <i>Taq</i> DNA polymerase. In order to set-up the PCR reaction, all that needs adding to the master mix is the template, the primer set and water. This convenient 2x PCR <i>TaqNova</i>-RED master mix reduces the time required to set-up PCR reactions and decreases the possibility of contamination, particularly when preparing large numbers of reactions. Moreover, the master mix is supplemented with an inner dye and a density reagent, which allows for direct loading of PCR products to a gel.</p>

QUALITY CONTROL

Extensively tested in PCR reactions. The absence of unspecific nuclease activity has been confirmed using the relevant procedures

Quality authorized by: Justyna Leibner-Ciszak **Date:** 27.03.2020

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