

# 2x PCR *TaqNova*-RED Master Mix

## CERTIFICATE OF ANALYSIS

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<b>#RP85T</b>	2x PCR <i>TaqNova</i> -RED Master Mix
<b>Components:</b>	2x PCR <i>TaqNova</i> -RED Master Mix, LOT: TEX616074 Water (PCR-grade), LOT: TEW616074
<b>Batch Number:</b>	TEZ616074
<b>Expiry Date:</b>	05.2021
<b>Store at:</b>	-20 <sup>o</sup> C
<b>Shipping conditions:</b>	Shipping on dry or blue ice
<b>Supplied in:</b>	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
<b>Specification:</b>	<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

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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: 24.05.2019

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