

# TaqNova

## DNA Polymerase

### CERTIFICATE OF ANALYSIS

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<b>Product</b>	<i>TaqNova</i> DNA Polymerase
<b>Quantity:</b>	20 U, 200U, 500U, 1000U, 2500U
<b>Components:</b>	<i>TaqNova</i> DNA Polymerase, Lot: 826172 10x <i>TaqNova</i> KCl Reaction Buffer, LOT: 755672 10x <i>TaqNova</i> (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> Reaction Buffer, LOT: 755672 50 mM MgCl <sub>2</sub> , LOT: 755672
<b>Batch Number:</b>	866372
<b>Expiry Date:</b>	08.2020
<b>Concentration:</b>	2 U/μl
<b>Store at:</b>	-20°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), 100 mM KCl, 0.1 mM EDTA, 1 mM DTT, 0.5% (v/v) Nonident P40, 0.5% (v/v) Tween 20, 50% (v/v) glycerol
<b>Specification:</b>	<i>TaqNova</i> DNA Polymerase is a 94 kDa recombinant, thermostable Taq DNA polymerase isolated from <i>Thermus aquaticus</i> . It is recommended for a wide range of applications which require DNA synthesis at extremely high temperatures. The <i>TaqNova</i> DNA polymerase is a universal and easy-to-use DNA polymerase which works rapidly and effectively in various PCR conditions. The enzyme catalyses DNA synthesis in a 5'→3' direction, shows no 3'→5' exonuclease activity, but has a 5'→3' exonuclease activity.

### QUALITY CONTROL

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The product was tested in PCR reaction, with a dilution series of polymerase and with a dilution series of human genomic DNA. The product is free of unspecific DNA nucleases.

Quality authorized by: Justyna Leibner-Ciszak      Date: 31.08.2017

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**PRODUCT USE LIMITATION**

This BLIRT S.A. product has been developed for research purposes only. This product is not suitable for human and animal therapeutic or diagnostic use.

**DISCLAIMER OF WARRANTY**

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