

# TaqNova

## DNA Polymerase

### CERTIFICATE OF ANALYSIS

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<b>Product</b>	TaqNova DNA Polymerase
<b>Quantity:</b>	20 U, 200U, 500U, 1000U, 2500U
<b>Components:</b>	TaqNova DNA Polymerase, LOT: TAE826172 10x TaqNova KCl Reaction Buffer, LOT: TAB846074 10x TaqNova (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> Reaction Buffer, LOT: TAC796574 50 mM MgCl <sub>2</sub> , LOT: TAM846074
<b>Batch Number:</b>	TAZ736774
<b>Expiry Date:</b>	10.2022
<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>	TaqNova 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 TaqNova 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: 18.12.2019

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#### **PRODUCT USE LIMITATION**

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

#### **WARRANTY TERMS**

Blirt S.A. guarantees that the quality of the product, within its expiry date, complies with the specifications of the Certificate of Analysis provided the product was stored properly in original packaging. In case of any complaints within specified warranty period, Blirt S.A. is obliged to replace any batch or Product's item within the Product's expiry date, free of charge. Blirt S.A. awards no other, additional warranties, excluding any other direct or indirect guarantees regarding suitability, productivity, the purpose of use, merchantability, storage conditions or any other factors in relation to products of Blirt S.A.

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