

# TaqNova

## DNA Polymerase

### CERTIFICATE OF ANALYSIS

---

<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: TBE586273 10x <i>TaqNova</i> KCl Reaction Buffer, LOT: TBB846074 10x <i>TaqNova</i> (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> Reaction Buffer, LOT: TBC796574 50 mM MgCl <sub>2</sub> , LOT: TBM846074
<b>Batch Number:</b>	TBZ645875
<b>Expiry Date:</b>	03.2023
<b>Concentration:</b>	5 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

---

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: 09.03.2020

This document was generated electronically and is therefore valid without signature.

#### **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.

#### **LIMITATION OF LIABILITY**

Blirt S.A. is not liable for any direct, indirect, incidental, intentional, or consequential damages that may result from the use of or inability to use any product of Blirt's.

By purchasing any Blirt's product, a purchaser acknowledges the guarantee terms that indisputably state that the only grounds for a complaint and thereby replacement of the product, free of charge is a detection of the product's defect that compromises its functionality in accordance with its specification.