

## ***BlueCap Solutions Antibody Stabilizer TRIS***

### **Product description**

Storage:	at +2 to +8°C (No freezing!)
pH-Value:	pH 7.3 ± 0.2
Shelf life:	see label on the bottle
Package sizes:	125 ml (Order No. S208.125) 500 ml (Order No. S208.500)

### **Instructions for use**

The *BlueCap Solutions Antibody Stabilizer TRIS* conserve the structure of proteins and antibodies preventing them from losing functionality. Therefore, the stabilizer is used for long-term storage of proteins or antibodies at 2 -8 °C.

The *BlueCap Solutions Antibody Stabilizer TRIS* is ready to use and should be mixed thoroughly before use. The protein or antibody is diluted at least 1:20 (or higher) in Antibody Stabilizer. Many antibodies can be stored permanently in Antibody Stabilizer in very low concentrations such as 80 ng/ml, without significant loss of binding activity in the first few years.

Low concentration during storage saves repeated pre-dilution before each use of the antibody. The storage time of the proteins or antibodies in Antibody Stabilizer depends on their properties and concentrations and can therefore not be generally predicted.

The *BlueCap Solutions Antibody Stabilizer TRIS* is not a coating buffer for ELISA applications, because the buffer components may negatively affect the coating process. Therefore, the antibodies or proteins stored in *BlueCap Solutions Antibody Stabilizer TRIS* should be dialyzed or diluted at least 1:100 with a suitable buffer before coating (e.g. *BlueCap Solutions Coating Buffer pH 9.6*).

Please note that high protein concentrations and / or microbial contamination can *lead* to reduced effectiveness of the preservative. If you add non-sterile protein / antibody for storage and you are unsure about potential microbial contamination, it can be useful to add additional preservatives or antibiotics.

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**This product is for laboratory and research use only. It is not suitable for diagnostic or therapeutic applications.**

BioGenes GmbH, Koepenicker Straße 325, 12555 Berlin, Germany  
Tel. +49-30-6576 2396, Fax +49-30-6576 2397

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**BioGenes GmbH is certified according to ISO 9001:2015.**