Antibody Stabilizer protein-free

Protein- and animal-free stabilizer for long-term storage of proteins or antibodies at 2 - 8 °C

Available products: Antibody Stabilizer TRIS protein-free (article no. 330)

Antibody Stabilizer PBS protein-free (article no. 331)

Storage: $2 - 8 \,^{\circ}\text{C}$ (Does not tolerate freezing!)

pH-value at $19.0 - 21.0 \,^{\circ}$ C: $7.3 \pm 0.2 \,^{\circ}$ (article no. 330)

 7.4 ± 0.2 (article no. 331)

Preservative: contains < 0.0014 % [w/w] reaction mass of CMIT/MIT (3:1)

Expiry date

when stored unopened: see label on the bottle

For general laboratory use

Instructions for use

Antibody Stabilizer is ready-to-use. Please shake the buffer thoroughly before use.

The antibody/protein is diluted at least 1:20 in *Antibody Stabilizer protein-free* for storage. Storage should be at 2-8 °C. Higher dilutions are also possible. Many antibodies can be stored in *Antibody Stabilizer protein-free* at very low concentrations - such as 80 ng/ml - for several years without significant loss of binding activity. A low concentration during storage saves time-consuming pre-dilutions before each use of the antibody.

The storage time of the proteins/antibodies in *Antibody Stabilizer protein-free* strongly depends on their properties and concentrations and can therefore not be predicted in general. *Antibody Stabilizer protein-free* must first be tested by the user for suitability for the respective proteins/antibodies. Specific shelf lives can only ever be determined for a defined combination of protein/antibody and concentration. If *Antibody Stabilizer protein-free* is used for immunodiagnostic kits, the shelf life has to be tested according to the applicable regulatory requirements for diagnostics.

Antibody Stabilizer protein-free is <u>not</u> suited as a coating buffer for ELISA applications, as the stabilizing components may interfere with the coating process when a capture antibody or capture protein is immobilized directly onto a surface. Antibodies/Proteins stored in *Antibody Stabilizer protein-free* should therefore be dialyzed or diluted at least 1:100 against a suitable buffer (e.g. *Coating Buffer pH 7.4*, article no. 120) before coating.

Please note that high protein concentrations and/or microbial contamination may reduce the effectiveness of the preservative. If you add protein/antibodies for storage in a non-sterile manner and you are unsure about potential microbial contamination, it may be beneficial to add additional preservative or also antibiotics.

For further information please visit www.candor-bioscience.com.



