



Q2030317P4
Antibody Stabiliser Solution

PRODUCT APPLICATION

The Q2030317P4 stabiliser has been successfully used to stabilise Antibodies in solution and in dry state.

PRODUCT BENEFITS

Increases protein stability at temperatures of 37 or 50°C and during the time.

RECOMMENDED METHOD OF USE

Prior to use, the stabilisation solutions should be checked for compatibility with your working buffers before the addition of the antibody solution. This includes checking the final pH of the solutions when added to the antibody solution. pH may have to be adjusted accordingly, normally between pH 6-8. This is only a rough guideline as different antibodies possess different buffer salt requirements, ionic strength preferences and pH optima. Generally a good starting point is Tris/HCL pH 7.0 or Bis-Tris/HCL pH 6.0 (final concentration once diluted with antibody solution, 50mM). Lower salt concentrations should be used if freeze drying or vacuum drying. For solution stability, the stabiliser solution should be used at a 1 to 1 dilution with the buffer of choice containing the required antibody concentration. For dry stability, the stabiliser solution should be used at a 1 to 4 dilution with the buffer of choice containing the required antibody concentration.

This is only to be used as a rough guide line as this solution can be used at considerably different concentrations depending on the protein concentration to be stabilised.

PHYSICAL PROPERTIES

Stabiliser	Q2030317P4
Appearance	Clear solution
Form supplied	Double concentration liquid in deionised water with preservative added.
Use	Stabilisation of Antibodies
Quality Control	Visual QC of product to ensure no particulates are present.
Storage	6 months at room temperature, 1 year refrigerated (2-8°C), 2 year frozen at -20°C.

SAFETY AND HANDLING

Read the Material Safety Data Sheets (MSDS) and product labels before using the products.

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