

Data Sheet for SeramunStab® NPK

1 Product

Product Name	Article Number	Specifications, Recommendations for Use
SeramunStab® NPK	ST-520-NPK	<ul style="list-style-type: none"> • Ready to use • Suitable for the stabilization of HRP-conjugates and proteins • Contains no added protein • Store at 2...8 °C • Shelf life 36 months from date of manufacture

2 Effective Components and Functional Principle

SeramunStab® stabilizers are based on an aqueous buffer system. The solutions provide optimal conditions regarding pH value, ionic strength, hydrophilic-hydrophobic and ionic interactions for the long-term stabilization of HRP conjugates and proteins in solutions. These conditions ensure the conformation and function of the enzyme, antibody or protein.

3 Information on Storage, Shipping and Filling

Storage:

- Long-term storage in frozen condition is not recommended.
- Store SeramunStab® stabilizers at 2...8 °C in tightly closed containers.
- Solutions showing turbidity must be discarded, as this indicates contamination.

Shipping:

- The product solutions are shipped at ambient temperature without cooling.

Filling:

- Work in a low-dust environment.
- Mix the solution before filling.
- Thoroughly clean containers and dosing devices before use.
- Wear powder-free gloves when filling.
- Filling into bottles made of HDPE or PE is recommended.
- Transfer or aliquoting should be done under low-germ conditions.

The printed expiry date applies if these instructions are followed.

4 General Instructions for Use

SeramunStab® stabilizers are supplied as ready to use solutions. Products may only be used by qualified staff.

Mix or shake the solutions before use.

Dilution is not recommended as this may lead to a reduction of the stabilizing properties. The conjugate or protein should be diluted stepwise in the stabilizer. Depending on the requirements of the conjugate or protein, concentrations of 1 ng/mL to 5 µg/mL are recommended. The solution has been tested in ELISA (Enzyme-Linked Immunosorbent Assay), microarrays and Line Immunoassays (LIA).

For color coding various dyes may be added to the solution.

All specifications and details given are based on internal studies. Use in other applications is subject to individual evaluation.

5 Disposal

Disposal of remains must be conform with national and local legal requirements. Disposal of packaging must comply with national and local regulations for disposal.

6 Related Products

Product Name	Article Number	Application
SeramunStab® NPLC	ST-551	Protein-free stabilizer suitable for IgM-antibodies, reduced conductivity
SeramunStab® NPHC	ST-552	Protein-free stabilizer suitable for IgM-antibodies, increased conductivity
SeramunBlock NP (5x)	B-115	Protein-free block solution for the stabilization of adsorbed proteins on solid surfaces and saturation of free binding sites

Explanations to possibly given pictograms:



Manufacturer



Date of manufacture



Use-by date



Batch code



Article number



Keep away from sunlight



Temperature limit



Consult instructions for use



Unique formula identifier

Please see the Safety Data Sheet for further product information.

For related products please see our website at www.seramun.com