

Data Sheet for SeramunBlock solutions

1 Products

Features

- Block solutions for the stabilization of adsorbed proteins on solid surfaces and saturation of free binding sites
- Shelf life 36 months from date of manufacture
- Store at 2...8 °C

Product Name	Article Number	Specifications, Recommendations for Use
SeramunBlock	HP-002-#	<ul style="list-style-type: none"> • Ready to use • Contains BSA
SeramunBlock NP (5x)	B-115	<ul style="list-style-type: none"> • 5x concentrate • Contains no added protein

2 Effective Components and Functional Principle

SeramunBlock solutions are solid phase stabilizers.

The solutions serve as post-coating block solutions for immunological test systems. They block free binding sites, reduce non-specific binding and stabilize reactive proteins with different additives.

3 Information on Storage, Shipping and Filling

Storage:

- Long-term storage in frozen condition is not recommended.
- Store SeramunBlock solutions 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

Products may only be used by qualified staff.

- **SeramunBlock:** The solution is ready to use. Dilution is not recommended as this may lead to a reduction of the stabilizing properties. Mix or shake the solution before use.

- **SeramunBlock NP (5x):** Prepare working solution (ready to use) by diluting the concentrate 1:5 with deionized water (conductivity <0.060 µS) and mix well before use.
Example: 1,000 mL concentrate + 4,000 mL deionized water
- After coating, remove the coating solution. Optionally, wash with a suitable solution.
- Fill wells up to the maximum volume of the test (minimum as high as the coating solution) with block solution to reach complete saturation.
Example: 200-300 µL ready to use solution Seramun Block or SeramunBlock NP
- Incubate at room temperature. Incubation time depends on the coating protein and needs to be optimized for each test.
Example: Incubation for 1 h at room temperature
- Aspirate block solution and remove leftover liquid by tapping plate on absorbent paper, if necessary. Optionally, wash 1x with deionized water and remove leftover liquid (aspirate or tap on absorbent paper)
- Dry protected from dust at room temperature or at 37 °C (99 °F).
- Seal plates air-tight. Optionally, add desiccant (e. g. silica gel).

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® NPK	ST-520-NPK	Protein-free stabilizer for HRP-antibody-conjugates and proteins
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

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	 UFI Unique formula identifier

Please see the Safety Data Sheets for further product information.

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