

STABILIZERS



QUICK GUIDE

**Individual solutions
for individual
assay conditions**

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We are your partner for:
ready-to-use substrates
protein stabilizers
antibody production
customized research
in vitro diagnostics

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Seramun
Diagnostica GmbH



Certified Quality
EN ISO 13485

BENEFITS

- Ready-to-use solutions
- Long time preservation of variant target molecules
- Several formulations for specific applications
- Suitable for different IvD applications
- Shelf life 36 months at 2 ... 8 °C

Packaging sizes: 100 ml, 250 ml, 1 l, 5 l, 10 l.
Other sizes are available on request.



PROTEIN STABILIZERS

General application	Product name Product code	Application suggestion	Colour	Buffer	pH
Stabilization of HRP-Conjugates	STplus ST-311-STplus	Low conjugate concentration	colourless to slightly yellow	TRIS	7.1 – 7.7
Stabilization of AP-Conjugates	STAP ST-400-STAP	Broad range of application	colourless to pure yellow	MES	5.8 – 6.4
	STAP2 ST-410-STAP2	Broad range of application, useful for antibodies sensitive for pH < 7.0	red	TRIS	7.1 – 7.7
Universal Protein Stabilization	STpur ST-310-STpur	Protein standards and controls	colourless	TRIS	6.4 – 7.0
	STB ST-320-STB	Sensitive proteins and proteohormones	colourless	MES	7.2 – 7.8
	STD ST-390-STD	Protein mixtures and antibodies of IgM isotype	yellow to orange	PHOS	7.1 – 7.7
Stabilization and blocking of solid phases	SeramunBlock HP-002	Coating of solid phase bound proteins and peptides	colourless	PHOS	7.3 – 7.5

PROTEIN-FREE STABILIZERS

NP

Universal Protein Stabilization	NPLC ST-551	mAb of IgM isotype	colourless	Good's	6.4 – 6.6
	NPHC ST-552	mAb of IgM isotype	colourless	Good's	6.4 – 6.6
Stabilization and blocking of solid phases	SeramunBlock NP (5x conc.) B-115	Coating of solid phase bound proteins and peptides	colourless	PHOS	7.3 – 7.5 (dil. 1:5)

QUICK GUIDE TO SERAMUN STABILIZERS

SOLID PHASE		LIQUID PHASE					
PROTECTING BOUND MOLECULES		ENZYME CONJUGATES					
BLOCKING FREE SURFACE	HRP-CONJUGATES	AP-CONJUGATES		PROTEINS & BIOMOLECULES			
Seramun Block	STplus	STAP	STAP2	STpur	STB	STD	
HP-002	ST-311-STplus	ST-400-STAP	ST-410-STAP2	ST-310-STpur	ST-320-STB	ST-390-STD	
PROTEIN-FREE STABILIZERS NP							
Block NP 5 x conc	NPLC	NPHC					
B-115	ST-551	ST-552					

The scheme provides a guideline for initial setup experiments. In order to select the appropriate stabilizer for your application we recommend to try different reagents.