

**StabilBlot™ Casein
Blocker-5X, TBS**
Product insert

Product number:

SB05-0025-01 (25 mL)
SB05-0125-01 (125 mL)
SB05-1000-01 (1000 mL)

Product use:

StabilBlot™ Blocker Family enhances sensitivity and minimizes background in blotting applications. We offer a range of options, both protein-based and synthetic-based, to block non-specific binding as well as enhance sensitivity when used as a blocker and antibody diluent.

Product stability, storage and specifications:

Product stability	Stable for 3 years from date of manufacture
Storage	Product should be stored at 2-8°C
Specification	Protein: Casein Product Buffer: TBS 5X pH: 7.50 ±0.50 1X pH: 7.50 ±0.50
Notes	Please note that Surmodics™ products are shipped to customers at ambient temperature. Extensive stability studies have shown that prolonged storage at ambient temperature will not affect the product quality or efficacy.

Recommendations for use:

Aseptically pour off the desired volumes of material needed for the application and allow the product to equilibrate at room temperature prior to use. To make a working strength blocking solution dilute one part StabilBlot Casein Blocker 5X, TBS with four parts deionized water. Mix well.

The following are general guidelines only.

- 1) Remove the membrane from the transfer apparatus.
- 2) Add enough working strength StabilBlot Casein Blocker to cover the membrane and incubate at room temperature for 30-90 minutes with agitation.
- 3) Continue Western blot according to the standard assay protocol. It is also recommended to use working strength StabilBlot Casein Blocker for primary and secondary antibody dilutions.

For technical assistance, email ivdtechsupport@surmodics.com

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Related products:

StabilBlot™ Blockers
StabilBlot™ Protein-Free Blocker (SB01)
StabilBlot™ Milk Blocker (SB04)
Substrates
BioFX™ Chemiluminescent Ultra Sensitive HRP Membrane Substrate (CHMM)
BioFX™ Chemiluminescent Super Sensitive HRP Microwell/Membrane Substrate (LUMI)
BioFX™ Chemiluminescent Sensitive Plus HRP Microwell/Membrane Substrate (LERI)
BioFX™ Chemiluminescent Ultra Sensitive AP Microwell/Membrane Substrate-450 nm (APU4)
BioFX™ TMB Enhanced HRP Membrane Substrate (ESPM)
BioFX™ TMB One Component HRP Membrane Substrate (TMBM)

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