

Blocking Buffer and Coating Stabilizer

Catalogue No.: abx090811

Blocking Buffer and Coating Stabilizer is a specially formulated reagent to improve the stability and function of antigens/proteins bound to a solid phase. Use as supplied for very unstable proteins or for less labile antigens/proteins dilute up to 1:1 in your current blocker.

Target:	Coating Stabilizer & Blocking Buffer
Conjugation:	Unconjugated
Form:	Liquid
Purification:	0.2 µm filtered.
Storage:	Store at 2-8°C. Do not freeze.
Buffer:	pH 7.2 ± 0.2. Contains a proprietary preservative (a non-mercury and azide free active ingredient against micro-organisms).
Specificity:	This product is a specially formulated reagent to improve the stability and function of antigens/proteins bound to a solid phase. Use as supplied for very unstable proteins or less labile antigens/proteins, dilute up to 1:1 in your current blocker.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.
Directions for use:	Centrifuge before opening to ensure complete recovery of vial contents.

Recommended Protocol for Stabilizing and Blocking Immobilised Proteins:

1. After coating the surface with protein/antigen, wash once to remove excess and weakly adsorbed protein.
2. Before the protein begins to dry, coat the surface with the Coating Stabilizer and Blocking Buffer to completely cover the bound material. Allow to incubate at room temperature for 15 to 60 minutes.
3. Aspirate or drain the excess stabilizer from the surface. Do not wash the surface.
4. Dry the protein, preferably under vacuum. Recommended drying times are as follows:
 - Two hours under vacuum (< 100 micron).
 - Overnight in a humidity controlled chamber that registers < 15% humidity
5. Package the bound antigen/protein in a sealed airtight container with desiccant. The product is now stabilized for long-term storage at 2–8 °C.