

## 1min Protein-Free Rapid Blocking Solution

Catalog #: RA10059

### Product Overview

This product is a ready-to-use, protein-free, rapid, efficient, and multi-purpose blocking solution. Its overall blocking effect on non-specific binding sites in immunoassays is significantly superior to conventional blocking solutions based on BSA, skim milk powder, casein, etc., effectively avoiding cross-reactions and interference from glycoproteins. The entire blocking process takes only 1 minute and can be used for blocking, dilution of primary or secondary antibodies, and other processes in various immunological experiments such as WB, IF, IHC, and IC .

### Product Information

Product Name	Storage	Size 1	Size 2
1min Protein-free Rapid Blocking Solution	2-8°C	100mL	500mL
Manual	-	1pcs	1pcs

Store at 2-8°C, Shelf life is 12 months .

### Product Advantages

- **Low background:** Higher signal-to-noise ratio, cleaner background .
- **High efficiency:** 1-minute ultra-fast sealing.
- **Compatibility:** It can detect various modified proteins and does not interfere with the detection of horseradish peroxidase, alkaline phosphatase, and biotin-labeled antibodies.
- **Protein-free:** Designed to avoid signal interference.
- **No washing required:** Incubate primary antibody directly after sealing .

### Operational procedure (Taking Western Blot as an example )

1. the transferred membrane into an appropriate volume of 1 min protein-free rapid blocking solution to completely immerse the membrane, and incubate on a shaker at room temperature for 1 min.
2. After removing the membrane from the blocking solution, place it directly into the primary antibody working solution for subsequent antibody incubation. (No washing is required after blocking .)
3. For blocking experiments such as IF, IHC, and IC, simply replace the traditional blocking solution with this product by following the relevant experimental procedures. The blocking time can generally be shortened to 1 minute.

### Precautions

1. This product is not recommended for repeated use, as multiple uses may affect the sealing effect;
2. The suitability of blocking solutions varies depending on the experiment and the antibody; special

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experiments require experimentation with different conditions depending on the specific circumstances.

3. This product is for research use only.