

## Avidin/Biotin Blocking Kit

Avidin Solution and Biotin Solution for Endogenous Avidin or Biotin

Storage: 2-8°C

Catalog No: E08-18

18 ml

### Intended Use:

This kit is composed of 2 reagents: Avidin Solution and Biotin Solution. This product is designed to eliminate the non-specific binding caused by the endogenous avidin or biotin like substances in immunohistochemistry and cytochemistry, when either avidin or Streptavidin/biotin is used as the signal amplification system.

### Kit Components:

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|---|------|
| 1) Reagent 1: one dropper bottle of Avidin solution | 18ml |
| 2) Reagent 2: one dropper bottle of Biotin solution | 18ml |

### Recommended Protocol:

These blocking steps should be finished prior the primary antibody incubation step.

After incubation with normal goat serum:

- 1) Apply 2 drops (50  $\mu$ L/ drop) of reagent 1 (Avidin Solution) to cover the tissue and incubate for 10 minutes at room temperature.
- 2) Rinse well with phosphate buffered saline (PBS).
- 3) Apply 2 drops (50  $\mu$ L/ drop) of reagent 2 (Biotin Solution) to cover the tissue and incubate for 10 minutes at room temperature
- 4) Rinse well with phosphate buffered saline (PBS).

The endogenous avidin/ biotin activity is now blocked and the tissue is ready for standard immunostaining procedure

### Storage:

Store at 2-8°C. Return reagent back to 2-8°C after each use.

### Remarks:

For research use only.