

Streptavidin-Alkaline Phosphatase

Catalog Number: AR001

Lot Numbers: M79

M80

Size: 1 mL

Specifications and Use

- Description**
- ◆ This product results from the chemical conjugation of streptavidin and alkaline phosphatase purified from bovine intestine. The labeled streptavidin is intended for use in ELISA and immunoblotting assays.
- Formulation**
- ◆ Supplied as a solution in 0.1 M Tris, 25 mM MOPS, 2% polyethylene glycol, 50 mM NaCl, 0.5 mM Mg₂Cl₂, 0.005% thimerosal, 0.05% Tween® 20, 0.75 mM NaN₃, 0.015 mM BSA.
- Storage**
- ◆ Store at 2° - 8° C. Stable for up to 6 months after opening when stored at 2° - 8° C. **DO NOT FREEZE!**
- Applications**
- ◆ ELISA and Western blotting.
 - ◆ Recommended working dilution is 1:1000 in 1% BSA, 0.05% Tween® 20, 0.025 M Tris, 0.5 M NaCl (pH 7.4).
 - ◆ **Optimal dilutions should be determined by each laboratory for each application.**
- Notes**
- ◆ Alkaline phosphatase can be inhibited by the action of divalent cation chelators and also at a pH less than 5.0.
 - ◆ **Caution:** This product contains sodium azide and thimerosal. Take appropriate protective precautions when working with these compounds.