



Streptavidin, Alkaline Phosphatase SA-5100-1

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Short Description

Alkaline Phosphatase Streptavidin (AP Streptavidin) is produced by our own coupling procedure that preserves the high specific activity of alkaline phosphatase. Using biotinylated primary or secondary intermediates and alkaline phosphatase-conjugated streptavidin, it is suitable for use in solid-phase assays, tissue/cell staining systems, and blotting applications.

Features:

- Avidin and streptavidin reagents are powerful tools to detect or purify biotinylated proteins, nucleic acids, and other macromolecules
- Vector Laboratories' enzyme-conjugated avidin and streptavidin are produced with the highest specific activity enzymes in optimal ratios
- Specific covalent linkages are chosen to provide stable, highly active conjugates

Additional Information

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|---------------------|---|
| Unit Size | 1 ml |
| Applications | Immunohistochemistry / Immunocytochemistry, In situ hybridization, Blotting Applications, Elispot, ELISAs |
| Recommended Usage | The recommended dilution for use is 1:200 to 1:1000.(1-5 µg/ml). Storage of dilute solutions of the enzyme conjugate is not recommended.To avoid adsorption or denaturing of the enzyme conjugate, dilutions may be made in 10 mM HEPES, 0.15 M NaCl, pH 7.5, containing 0.1mg/ml immunohistochemical grade bovine serum albumin (Catalog No. SP-5050).DO NOT USE FRACTION V GRADE BSA. |
| Solution | 10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide, 1mM MgCl ₂ , 1% sucrose, 2 mg/ml bovine serum albumin. |
| Recommended Storage | 2-8 °C |
| Detection Enzyme(s) | Alkaline Phosphatase |
| Conjugate | Alkaline Phosphatase |
| Format | Concentrate |

