

Product Datasheet

Streptavidin Native Protein

NBP2-29371

Unit Size: 1 mg

Store at 4C. Do not freeze.

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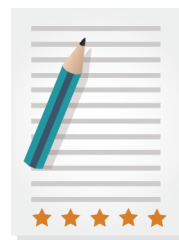
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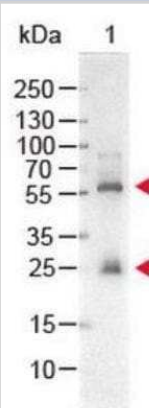
Product Information	
Unit Size	1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Preservative	0.05% Sodium Azide
Conjugate	Alkaline Phosphatase
Purity	Immuno-electrophoresis (IEP)
Buffer	0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Product Description	
Description	<p>Native Bacteria Streptavidin</p> <p>Source: Electrophoretically pure Streptavidin (Accession #:P22629)</p> <p>Store vial at 4C before opening. DO NOT FREEZE. Streptavidin Alkaline Phosphatase conjugated is stable at 4C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.</p>
Species	Bacteria
Preparation Method	This product was prepared from electrophoretically pure Streptavidin. Alkaline Phosphatase conjugated Streptavidin was assayed by immuno-electrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine) and anti-Streptavidin.

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 1:4000, ELISA 1:8000 - 1:32000, Immunohistochemistry 1:200 - 1:1000
Application Notes	This product has been tested by dot blot and western blot and is a useful detection reagent for primary antibodies conjugated to biotin. Streptavidin Peroxidase can be utilized in both Western Blotting and ELISA experiment formats in combination with the proper substrate (NPP-10).

Images

Western Blot: Streptavidin Native Protein [NBP2-29371] - Lane 1: Biotin conjugated Guinea Pig IgG Load: 50 ng per lane Secondary antibody: STREPTAVIDIN ALKALINE PHOSPHATASE Conjugated at 1:1,000 for 60 min at RT Block for 30 min at RT Predicted/Observed Size: 28 and 55 kDa/28 and 55 kDa for Guinea Pig IgG.





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Products Related to NBP2-29371

NBP2-29370	Streptavidin Native Protein
DY998	Streptavidin [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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