

AVIDIN - A003-01
Code: A003-01

Size: 10 mg

Product Description: AVIDIN - A003-01

Concentration: 10 mg/mL by dry weight

PhysicalState: Lyophilized

Label	Unconjugated
Buffer	None
Reconstitution Volume	1.0 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	None
Preservative	None
Storage Condition	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Avidin is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Synonyms	avidin, AVD
Application Note	Avidin is suitable for use as antigen, as a control or standard in assays, and most other immunological methods as well as enzyme conjugates and complexes; Southern blots and other methodologies related to DNA and RNA analysis; Western blots; and purification of proteins or other antigens with biotinylated antibodies or lectins by use of immobilized avidin.
Background	Avidin is biotin-binding protein found in the oviducts of egg-laying animals (birds, reptiles, and frogs) that gets deposited into the whites of their eggs. Avidin is a tetramer and can bind up to four biotin molecules (Vitamin B7) with one of the greatest known non-covalent interactions. Avidity for biotin is destroyed with heat.
Purity And Specificity	Avidin was prepared from chromatographically purified avidin isolated from egg white followed by extensive dialysis against the buffer stated above. Avidin was assayed by immunoelectrophoresis resulted in a single precipitin arc against anti-Avidin. No reaction was observed against anti-Streptavidin.
ELISA	User Optimized
Gel Shift Dilution	User Optimized
Western Blot	User Optimized
ChIP	User Optimized
Expiration	Expiration date is one (1) year from date of opening.

Related Products

100-4197	Anti-AVIDIN (Egg White) (RABBIT) Antibody - 100-4197
200-4297	Anti-AVIDIN (Egg White) (RABBIT) Antibody Fluorescein Conjugated - 200-4297
610-1619-0500	Biotin Conjugated Affinity Purified Anti-MOUSE IgG (H&L) (GOAT) (Min X Human Serum Proteins) - 610-1619-0500
611-106-B76	Biotin Conjugated Affinity Purified Anti-RABBIT IgG (H&L) (GOAT) - 611-106-B76

Related Links

GenID - 396260

<http://www.ncbi.nlm.nih.gov/gene/396260>

Images

1

SDS-Page of Avidin. Lane 1: Avidin - reduced. Lane 2: Avidin - non-reduced. Load: 1.0 µg per lane. Predicted/Observed size: 16 kDa, 16 kDa for Avidin. Other Band(s): None.



Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.