

Datasheet for A003-00

Avidin Rhodamine Conjugated

Overview

Description:	Avidin Rhodamine Conjugated - A003-00
Item No.:	A003-00
Size:	2 mg
Applications:	Dot Blot, FC, IF, Other

Product Details

Background:	Avidin Rhodamine Conjugated is suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.
Synonyms:	Avidin Rhodamine Conjugated, Avidin TRITC Conjugated
Conjugate:	Rhodamine (TRITC)
F/P Ratio:	1.94
Specific Activity:	1.94

Target Details

Purity/Specificity:	Avidin Rhodamine Conjugated was prepared from chromatographically pure avidin isolated from egg white followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Avidin.
Relevant Links:	• UniProtKB - P02701 • SDS

Application Details

Tested Applications:	Dot Blot
Suggested Applications:	FC, IF, Other (Based on references)
Application Note:	Avidin Rhodamine Conjugated has been tested by dot blot and is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting.

Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
FC:	1:500 - 1:2,500
FLISA:	1:10,000 - 1:50,000
IF:	1:1,000 - 1:5,000

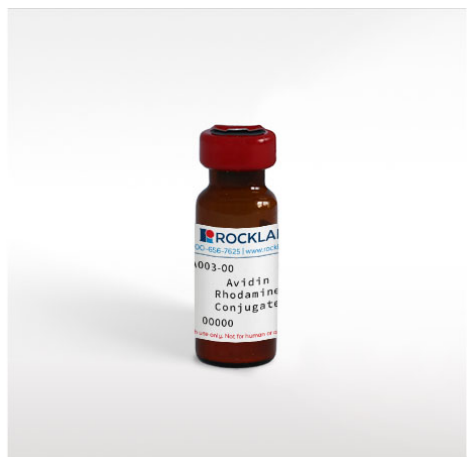
Formulation

Physical State:	Lyophilized
Concentration:	2.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Reconstitution Volume:	1.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

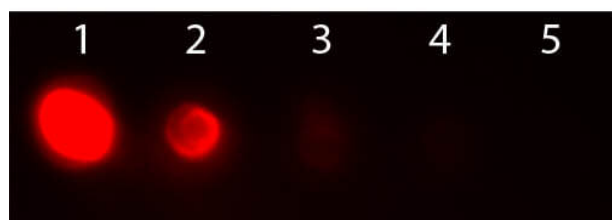
Shipping & Handling

Shipping Condition:	Ambient
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. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images

**Bottle**

Avidin Rhodamine Conjugated

**Dot Blot**

Dot Blot of Avidin Rhodamine Conjugated. Antigen: Avidin Rhodamine Conjugated dotted directly to nitrocellulose membrane. Load: Lane 1 - 100 ng Lane 2 - 33.3 ng Lane 3 - 11.1 ng Lane 4 - 3.70 ng Lane 5 - 1.23 ng. Primary antibody: n/a. Secondary antibody: n/a. Block: MB-070 for 1 HR at RT

References

- Luo J et al. Transient receptor potential vanilloid 4-expressing macrophages and keratinocytes contribute differentially to allergic and nonallergic chronic itch. *J Allergy Clin Immunol.* (2018)

Disclaimer

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