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## Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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**Datasheet for 607-1502**

## Golden Syrian Hamster IgG (H&L) Antibody Alkaline Phosphatase Conjugated

### Overview

<b>Description:</b>	Goat Anti-Golden Syrian Hamster IgG (H&L) Antibody Alkaline Phosphatase Conjugated - 607-1502
<b>Item No.:</b>	607-1502
<b>Size:</b>	1 mg
<b>Applications:</b>	Dot Blot, ELISA
<b>Reactivity:</b>	Golden Syrian Hamster
<b>Host Species:</b>	Goat

### Product Details

<b>Background:</b>	Anti-Golden Syrian Hamster IgG Alkaline Phosphatase Antibody generated in goat detects Golden Syrian Hamster IgG. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the complement cascade, and opsonization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both heavy and light chains of the antibody molecule are present. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition.
<b>Synonyms:</b>	goat anti-Golden Syrian Hamster IgG alkaline phosphatase conjugated antibody, goat anti-Hamster IgG alk phos conjugated antibody
<b>Host Species:</b>	Goat
<b>Specificity:</b>	IgG (H&L)
<b>Conjugate:</b>	Alkaline Phosphatase (AP)
<b>Clonality:</b>	Polyclonal
<b>Format:</b>	IgG

## Target Details

<b>Reactivity:</b>	Golden Syrian Hamster
<b>Immunogen:</b>	Golden Syrian Hamster IgG whole molecule
<b>Purity/Specificity:</b>	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Golden Syrian Hamster IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Serum, Golden Syrian Hamster IgG and Golden Syrian Hamster Serum.

## Application Details

<b>Tested Applications:</b>	Dot Blot, ELISA
<b>Application Note:</b>	Anti-Golden Syrian Hamster IgG Alkaline Phosphatase conjugate has been tested by ELISA and dot blot and is suitable for immunoblotting (western or dot blot), ELISA, immunoelectron microscopy and immunohistochemistry as well as other antibody-based enzymatic assays requiring lot-to-lot consistency.
<b>Assay Dilutions:</b>	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
<b>ELISA:</b>	1:5,000
<b>IHC:</b>	1:200 - 1:1,000
<b>WB:</b>	1:500 - 1:2,500

## Formulation

<b>Physical State:</b>	Liquid (sterile filtered)
<b>Concentration:</b>	1.0 mg/mL by UV absorbance at 280 nm
<b>Buffer:</b>	0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0
<b>Preservative:</b>	0.01% (w/v) Sodium Azide
<b>Stabilizer:</b>	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

## Shipping & Handling

<b>Shipping Condition:</b>	Wet Ice
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<b>Storage Condition:</b>	Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.
<b>Expiration:</b>	Expiration date is one (1) year from date of receipt.

## Images



### Dot Blot

Dot Blot of Goat anti-Golden Syrian Hamster IgG Antibody Alkaline Phosphatase Conjugated. Antigen: Golden Syrian Hamster IgG. Load: Lane 1 - 200 ng Lane 2 - 66.7 ng Lane 3 - 22.2 ng Lane 4 - 7.41 ng Lane 5 - 2.47 ng. Primary antibody: n/a. Secondary antibody: Goat anti-Golden Syrian Hamster IgG Antibody Alkaline Phosphatase Conjugated at 1:1,000 for 1 HR at RT. Block: MB-070 for 1 HR at RT.

## 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.