

Chicken IgG (h&l) Antibody
(bovine, goat, horse, human, mouse,
pig, rabbit & rat adsorbed)
Affinity Purified

Produced in Goat

Catalog No. **Size**
A30-206A 1 ml



Conditions

Storage: 2 - 8⁰ C

Antibody Concentration: 0.5 mg/ml

Physical State: Liquid

Buffer: Phosphate Buffered Saline, pH 7.2

Preservative: 0.1% Sodium Azide

Shelf life: 2 years from date of receipt

Production Procedures

Antiserum was cross adsorbed using bovine, goat, horse, human, mouse, pig, rabbit and rat immunosorbents to remove cross reactive antibodies. The antibody to chicken IgG was isolated by affinity chromatography using antigen coupled to agarose beads.

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

By immunoelectrophoresis and ELISA this antibody reacts specifically with chicken IgG and with light chains common to other chicken immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 0.1% cross reactivity to bovine, goat, horse, human, mouse, pig, rabbit and rat IgG was detected.

This antibody may cross react with IgG from other species.

Notes

Country of Origin: USA

For use in Research and Manufacturing only; not for use in diagnostic applications.

Applications

Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Suggested starting dilutions are as follows.

ELISA

Coating: 1:50 – 1:250

Primary: 1:1,000 – 1:10,000

Western Blot

Colorimetric detection: 1:500 – 1:5,000

Chemiluminescent detection: 1:500 – 1:15,000

Histo/Cytochemistry: 1:100 – 1:1,000

In some cases, the antibody may be diluted further than indicated.

Related Products

G x-Chicken IgG (h&l) alkphos conj.	A30-206AP
cross adsorbed	
G x-Chicken IgG (h&l) FITC conjugated	A30-206F
cross adsorbed	
G x-Chicken IgG (h&l) HRP conjugated	A30-206P
cross adsorbed	
R x-Chicken IgG (h&l) affinity purified	A30-207A
cross adsorbed	
R x-Chicken IgG (h&l) FITC conjugated	A30-207F
cross adsorbed	
R x-Chicken IgG (h&l) HRP conjugated	A30-207P
cross adsorbed	
Chicken Reference Serum	RS10-102

G = Goat

R = Rabbit

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MATERIAL SAFETY DATA SHEET

Contents Description

This product contains goat immunoglobulin G (IgG) protein in phosphate buffered saline, pH 7.2 with 0.1% Sodium Azide (NaN_3).

Hazardous Ingredients

Goat IgG Protein - No known toxicity for this biological material.

Sodium Azide (NaN_3) - AZIDE FORMS EXPLOSIVE CHEMICAL COMPOUNDS WITH LEAD AND COPPER PLUMBING. CARE MUST BE TAKEN TO WASH WASTE DOWN DRAINS WITH LARGE VOLUMES OF WATER.

LD50 oral mouse - 27 mg/kg.

Wash all affected areas with large volumes of water and if swallowed consult your physician immediately.

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