

**Human Alpha-1-Antitrypsin
Antibody
Affinity Purified**

Produced in Goat

Catalog No. **Size**
A80-122A 1 ml



Conditions

Storage: 2 - 8⁰ C

Antibody Concentration: 1 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

The antibody 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 alpha-1-antitrypsin. No antibody was detected against other serum proteins.

This antibody may cross react with alpha-1-antitrypsin 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: 1:100 – 1:1,000

Primary: 1:1000 – 1:30,000

Western Blot

Colorimetric detection: 1:1,000 – 1:10,000

Chemiluminescent detection: 1:1,000 – 1:30,000

Histo/Cytochemistry: 1:200 – 1:2,000

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

Related Products

G x-Alpha-1-Antitrypsin IgG Fraction A80-122

G x-Alpha-1-Antitrypsin FITC conjugated A80-122F

G x-Alpha-1-Antitrypsin HRP conjugated A80-122P

G = Goat

**Human Alpha-1-Antitrypsin
Antibody**
Affinity Purified

Produced in Goat

Catalog No. **Size**
A80-122A 1 ml



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 (NaN₃).

Hazardous Ingredients

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

Sodium Azide (NaN₃) - 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.

The above information is believed to be correct but does not purport to be all-inclusive and is intended to be used only as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state, or local laws or regulations.