

# Human Alpha-1-Antitrypsin Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A80-178A

Lot No. A80-178A-221109

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<b>APPLICATIONS</b>	ELISA, IEP
<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	1 ml
<b>CONCENTRATION</b>	1 mg/ml
<b>STORAGE/SHELF LIFE</b>	2 - 8°C / 2 years from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Rabbits were immunized with purified human alpha-1-antitrypsin of serum or plasma origin. 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.

**APPLICATIONS** Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

ELISA 1:1,000 - 1:30,000; for coating plates 1:100 - 1:50

IEP Neat

**APPLICATION NOTES** Not all listed applications have been specifically tested by our laboratory.

**ADDITIONAL INFO** <https://www.fortislife.com/p/A80-178A>

Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: January 4, 2023