Human Alpha-1-Antitrypsin Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A80-178A

Lot No. 260504

APPLICATIONS	ELISA, IEP
SPECIES REACTIVITY	Human
AMOUNT	1 ml
CONCENTRATION	1 mg/ml
STORAGE/SHELF LIFE	2 - 8°C / 2 years from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	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. Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4. 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	1:1000 - 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	Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD Date: May 5, 2026

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