# Human Alpha-1-Antitrypsin Antibody

Goat Polyclonal

IgG Fraction

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| Catalog No. | A80-122 | Uniprot ID | P01009 |
| Lot No. | 2 | GeneID | 5265 |

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| **APPLICATIONS** | IEP, DD |
| **SPECIES REACTIVITY** | Human |
| **AMOUNT** | 2 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** | Goats were immunized with purified human alpha-1-antitrypsin of serum or plasma origin. Antiserum was solid phase adsorbed to ensure specificity. The antiserum was fractionated and passed over DEAE to yield an IgG fraction.<br><br>By immunoelectrophoresis 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. |

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|---|---|
| IEP | Neat |
| DD | Neat |

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| **APPLICATION NOTES** | For use in precipitin gel reactions (e.g. immunoelectrophoresis (IEP), double diffusion Ouchterlony (DD) or immunofixation electrophoresis (IFE)).<br><br>Optimal working dilutions should be determined experimentally by the investigator. |
| **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: August 21, 2024



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