

Human alpha1-Antitrypsin, alpha1-AT ELISA Kit | alpha 1-AT elisa kit

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CATALOG #
AAA41658

REACTIVITY
Human

PRODUCT SYNONYMS

alpha1-Antitrypsin; alpha1-AT; Human alpha1-Antitrypsin; alpha1-AT ELISA Kit; alpha 1-AT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	412
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05mg/ml - 15mg/ml
Sensitivity	0.024mg/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for alpha 1-AT elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Alpha 1-Antitrypsin (also known as A1-AT) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human A1-AT antibody. A1-AT present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human A1-AT Antibody is added and binds to A1-AT in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated A1-AT antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human A1-AT. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2804195
Molecular Weight	45,729 Da
NCBI Official Full Name	alpha1-antitrypsin
UniProt Protein Name	Alpha-1-antiproteinase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/alpha-1-at-human-elisa-kits/alpha1-antitrypsin-alpha1-at/41658>