

Human Anti trypsin ELISA Kit | AT elisa kit

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CATALOG #
AAA84161

REACTIVITY
Human

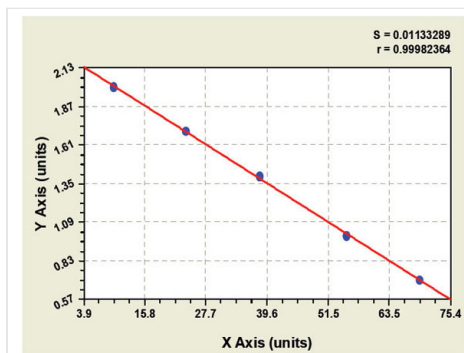
PRODUCT SYNONYMS

Anti trypsin; Human Anti trypsin ELISA Kit; AT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This AT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human AT. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AT elisa kit

Principle of the Assay: AT ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-AT antibody and an AT-HRP conjugate. The assay sample and buffer are incubated together with AT-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the AT concentration since AT from samples and AT-HRP conjugate compete for the anti-AT antibody binding site. Since the number of sites is limited, as more sites are occupied by AT from the sample, fewer sites are left to bind AT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AT concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	410330
UniProt Accession #	P35035; Q7PN85
Molecular Weight	29,057 Da
NCBI Official Full Name	trypsin
UniProt Protein Name	Trypsin-1
UniProt Gene Name	TRYP1
UniProt Synonym Gene Names	AGAP008296
UniProt Entry Name	TRY1_ANOGA

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/at-human-elisa-kits/anti-trypsin/84161>