

Sheep Anti-trypsin ELISA Kit | AT elisa kit

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CATALOG #
AAA95885

REACTIVITY
Sheep

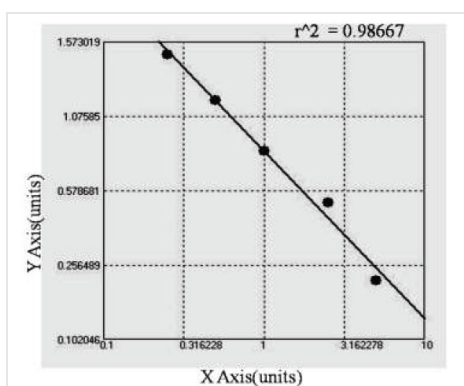
PRODUCT SYNONYMS

Anti-trypsin; Sheep Anti-trypsin ELISA Kit; AT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ug/L
Intended Uses	This Trypsin-Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep Trypsin-Ab. 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: Trypsin-Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing Trypsin antigen and an Trypsin-Ab-HRP conjugate. The assay sample and buffer are incubated together with Trypsin-Ab-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 Trypsin-Ab concentration since Trypsin-Ab from samples and Trypsin-Ab-HRP conjugate compete for the Trypsin antigen binding site. Since the number of sites is limited, as more sites are occupied by Trypsin-Ab from the sample, fewer sites are left to bind Trypsin-Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Trypsin-Ab 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.

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Online datasheet: <https://stage.aaabiotech.com/at-sheep-elisa-kits/anti-trypsin/95885>