

Sheep Angiotensinase A ELISA Kit | ATA elisa kit

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CATALOG #
AAA95599

REACTIVITY
Sheep

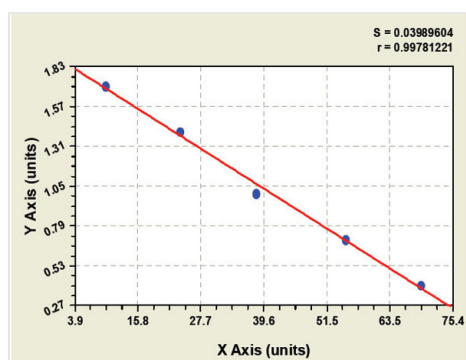
PRODUCT SYNONYMS

Angiotensinase A; Sheep Angiotensinase A ELISA Kit; ATA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This ATA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep ATA. 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 ATA elisa kit

Principle of the Assay: ATA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ATA antibody and an ATA-HRP conjugate. The assay sample and buffer are incubated together with ATA-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 ATA concentration since ATA from samples and ATA-HRP conjugate compete for the anti-ATA antibody binding site. Since the number of sites is limited, as more sites are occupied by ATA from the sample, fewer sites are left to bind ATA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ATA concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ATA elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	7159085
NCBI GeneID	64017
Molecular Weight	64,959 Da
NCBI Official Full Name	aminopeptidase A
NCBI Official Synonym Full Names	glutamyl aminopeptidase
NCBI Official Symbol	Enpep
NCBI Protein Information	glutamyl aminopeptidase; EAP; AP-A; aminopeptidase A
UniProt Protein Name	Glutamyl aminopeptidase
UniProt Gene Name	Enpep
UniProt Synonym Gene Names	EAP; AP-A
UniProt Entry Name	AMPE_RAT

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://www.aaabiotech.com/ata-sheep-elisa-kits/angiotensinase-a/95599>