

Porcine alpha2 Antiplasmin ELISA Kit | alpha2-AP elisa kit

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CATALOG #
AAA93119

REACTIVITY
Porcine

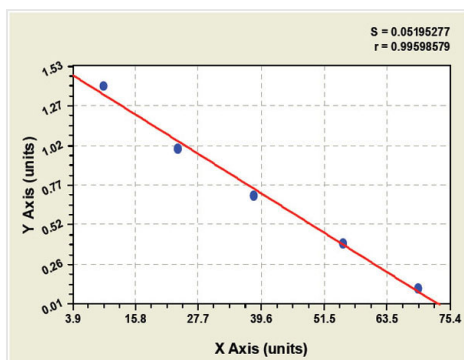
PRODUCT SYNONYMS

alpha2 Antiplasmin; Porcine alpha2 Antiplasmin ELISA Kit; Porcine a2 Antiplasmin ELISA Kit; alpha2-AP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for alpha2-AP elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This ?2-AP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine ?2-AP. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY ?2-AP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-?2-AP antibody and an ?2-AP-HRP conjugate. The assay sample and buffer are incubated together with ?2-AP-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 ?2-AP concentration since ?2-AP from samples and ?2-AP-HRP conjugate compete for the anti-?2-AP antibody binding site. Since the number of sites is limited, as more sites are occupied by ?2-AP from the sample, fewer sites are left to bind ?2-AP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ?2-AP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29893555
NCBI GeneID	83854
NCBI Accession #	NP_114123.2
NCBI GenBank Nucleotide #	NM_031917.2
Molecular Weight	51,694 Da
NCBI Official Full Name	angiotensinogen-converting enzyme 2
NCBI Official Synonym Full Names	angiotensinogen-converting enzyme 2
NCBI Official Symbol	ANGPTL6
NCBI Official Synonym Symbols	AGF; ARP5
NCBI Protein Information	angiotensinogen-converting enzyme 2; angiotensinogen-converting enzyme 2; angiotensinogen-converting enzyme 2; angiotensinogen-converting enzyme 2
UniProt Protein Name	Angiotensinogen-converting enzyme 2
UniProt Gene Name	ANGPTL6
UniProt Synonym Gene Names	AGF; ARP5; UNQ152/PRO178
UniProt Entry Name	ANGL6_HUMAN

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.