

Rat alpha2 Antiplasmin ELISA Kit | alpha2-AP elisa kit

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CATALOG #
AAA87402

REACTIVITY
Rat

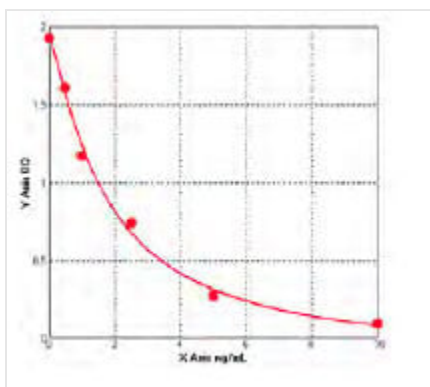
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of APalpha2. No significant cross-reactivity or interference between APalpha2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between APalpha2 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative 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	Intended Uses: This APalpha2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of RatAPalpha2. This ELISA kit for research use only! Principle of the Assay: APalpha2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-APalpha2 antibody and an APalpha2-HRP conjugate. The assay sample and buffer are incubated together with APalpha2-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 APalpha2 concentration since APalpha2 from samples and APalpha2-HRP conjugate compete for the anti-APalpha2 antibody binding site. Since the number of sites is limited, as more sites are occupied by APalpha2 from the sample, fewer sites are left to bind APalpha2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The APalpha2 concentration in each sample is interpolated from this standard curve.
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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 protein 6
NCBI Official Synonym Full Names	angiotensinogen-like 6
NCBI Official Symbol	ANGPTL6
NCBI Official Synonym Symbols	AGF; ARP5
NCBI Protein Information	angiotensinogen-converting protein 6; angiotensinogen-like protein 6; angiotensinogen-converting protein 5; angiotensinogen-converting growth factor
UniProt Protein Name	Angiotensinogen-converting protein 6
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.