

Human alpha2 Antiplasmin ELISA Kit | alpha2-AP elisa kit

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CATALOG #
AAA86293

REACTIVITY
Human

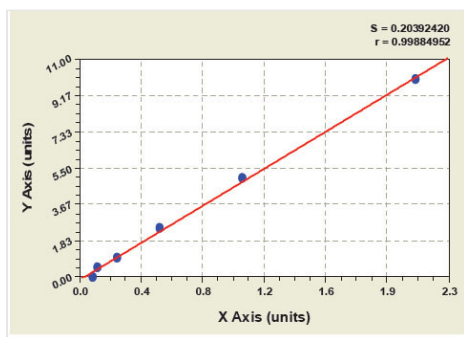
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This alpha2-AP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human alpha2-AP. 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 alpha2-AP elisa kit

Principle of the Assay: alpha2-AP ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for alpha2-AP. Standards or samples are then added to the microtiter plate wells and alpha2-AP if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of alpha2-AP present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for alpha2-AP are added to each well to "sandwich" the alpha2-AP immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain alpha2-AP and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The alpha2-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
UniProt Accession #	Q8NI99; Q9BZZ0; A5PKV7
Molecular Weight	51,694 Da
NCBI Official Full Name	angiotensin-converting enzyme 2
NCBI Official Synonym Full Names	angiotensin-converting enzyme 2
NCBI Official Symbol	ACE2
NCBI Official Synonym Symbols	AGF; ARP5
NCBI Protein Information	angiotensin-converting enzyme 2; angiotensin-converting enzyme 2; angiotensin-converting enzyme 2; angiotensin-converting enzyme 2; angiotensin-converting enzyme 2
UniProt Protein Name	Angiotensin-converting enzyme 2
UniProt Gene Name	ACE2
UniProt Synonym Gene Names	AGF; ARP5
UniProt Entry Name	ANG2_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.

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Online datasheet: <https://stage.aaabiotech.com/alpha2-ap-human-elisa-kits/alpha2-antiplasmin/86293>