

Human Apolipoprotein ELISA Kit | LPA elisa kit

Human Apolipoprotein (a) ELISA Kit

CATALOG #
AAA310031

REACTIVITY
Human

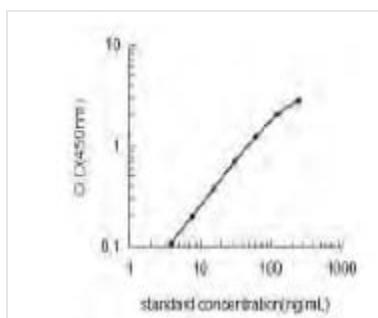
PRODUCT SYNONYMS

Apolipoprotein; Human Apolipoprotein (a) ELISA Kit; Apolipoprotein (a); Apo (a); Lp (a); LPA; 3.4.21.-; LPA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Apo(a). No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates and cell culture supernates and other biological fluids
Detection Range	3.9ng/mL -250 ng/mL
Sensitivity	< 1.2 ng/ml
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LPA elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human apolipoprotein(a),apo(a) concentrations in serum, plasma, tissue homogenates and cell culture supernates and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Apo(a). Standards or samples are then added to the appropriate microtiter plate wells with a biotin- conjugated polyclonal antibody preparation specific for Apo(a) and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Apo(a), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Apo(a) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	114062
NCBI GeneID	4018
UniProt Accession #	P08519; Q5VTD7; Q9UD88
Molecular Weight	501,319 Da
NCBI Official Full Name	Apolipoprotein(a)
NCBI Official Synonym Full Names	lipoprotein(a)
NCBI Official Symbol	LPA
NCBI Official Synonym Symbols	LP; AK38; APOA
NCBI Protein Information	apolipoprotein(a)
UniProt Protein Name	Apolipoprotein(a)
UniProt Gene Name	LPA
UniProt Synonym Gene Names	Apo(a); Lp(a)

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/lpa-human-elisa-kits/apolipoprotein/310031>