

Human Lipoprotein, a (Lpa) RTU ELISA Kit | Lpa rtu elisa kit

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CATALOG #
AAA216842

REACTIVITY
Human

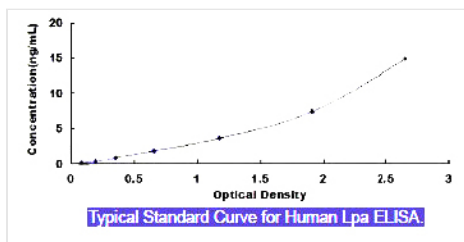
PRODUCT SYNONYMS

Lipoprotein; a (Lpa); Human Lipoprotein; a (Lpa) ELISA Kit; Lp(a); AK38; APOA; LP; Sinking Pre-beta-Lipoprotein; Lpa rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Lpa. No significant cross-reactivity or interference between Lpa and analogues was observed.
Sequence Length	4548
Samples	Serum, plasma, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.234-15ng/mL
Sensitivity	< 0.09ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Lpa were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Lpa were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Lpa rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of Lpa in human serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Lpa. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to Lpa. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Lpa, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Lpa in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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/human-rtu-elisa-kits/lipoprotein-a-lpa/216842>