

Monkey LPA (Lipoprotein a) ELISA Kit | LPA elisa kit

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CATALOG #
AAA251192

REACTIVITY
Monkey

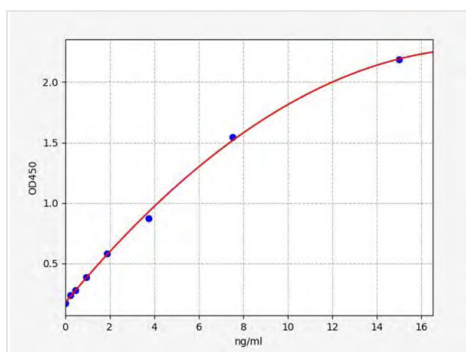
PRODUCT SYNONYMS

LPA (Lipoprotein a); Monkey LPA (Lipoprotein a) ELISA Kit; LP-a; LPA; Lp(a); AK38; APOA; LP; LPA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	Specifically recognize LPA, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	0.234-15ng/ml
Sensitivity	0.141ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LPA elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti LPA antibody was precoated onto the 96-well plate. The biotin conjugated anti LPA antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with LPA conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of LPA in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	114063
UniProt Accession #	P14417
Molecular Weight	158,368 Da
NCBI Official Full Name	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/monkey-elisa-kits/lpa-lipoprotein-a/251192>