

Pig lipoprotein alpha ELISA Kit | Lp-a elisa kit

Pig lipoprotein alpha (Lp-a) ELISA Kit

CATALOG # AAA55804	REACTIVITY Pig
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PRODUCT SYNONYMS

lipoprotein alpha; Pig lipoprotein alpha (Lp-a) ELISA Kit; LP-A; AK38; APOA; LP; OTTHUMP00000017543|antiangiogenic AK38 protein|apolipoprotein(a)|lipoprotein Lp(a); Lp-a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig Lp-a. No significant cross-reactivity or interference between Pig Lp-a and analogues was observed.
Sequence Length	278
Assay Type	Sandwich
Detection Range	12.5 ug/mL - 800 ug/mL
Sensitivity	6.25 ug/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for Lp-a elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate Lp-a in Pig serum, plasma. An antibody specific for Lp-a has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Lp-a present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Lp-a is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Lp-a bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	740462330
NCBI Accession #	WP_038293758.1
NCBI GenBank Nucleotide #	WP_038293758.1
NCBI Official Full Name	lipoprotein

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.