

Chicken Lipoprotein Lipase ELISA Kit | LPL elisa kit

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CATALOG #
AAA89984

REACTIVITY
Chicken

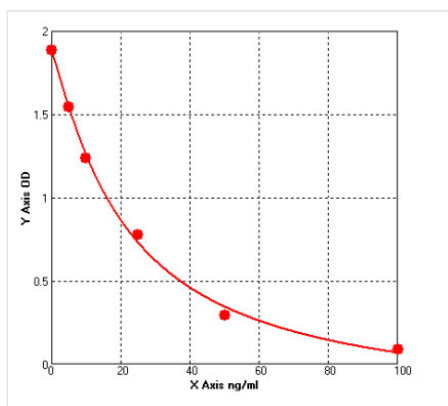
PRODUCT SYNONYMS

Lipoprotein Lipase; Chicken Lipoprotein Lipase ELISA Kit; LPL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of LPL. No significant cross-reactivity or interference between LPL and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between LPL and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Intended Uses	This LPL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken LPL. 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 LPL elisa kit	Principle of the Assay: LPL ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-LPL antibody and an LPL-HRP conjugate. The assay sample and buffer are incubated together with LPL-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the LPL concentration since LPL from samples and LPL-HRP conjugate compete for the anti-LPL antibody binding site. Since the number of sites is limited, as more sites are occupied by LPL from the sample, fewer sites are left to bind LPL-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LPL concentration in each sample is interpolated from this standard curve. Intended Uses: This LPL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken LPL. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for LPL elisa kit	Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	48146225
NCBI GeneID	4023
UniProt Accession #	Q6IAV0; P06858; Q4JIZ7; Q53HW6; Q71UV2; Q8NEW3
Molecular Weight	53,213 Da
NCBI Official Full Name	LPL
NCBI Official Synonym Full Names	lipoprotein lipase
NCBI Official Symbol	LPL
NCBI Official Synonym Symbols	LIPD; HDLCQ11
NCBI Protein Information	lipoprotein lipase
UniProt Protein Name	LPL protein
UniProt Gene Name	LPL
UniProt Entry Name	Q6IAV0_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://www.aaabiotech.com/lpl-chicken-elisa-kits/lipoproteinlipase/89984>