

Hamster low density lipoprotein (LDL) ELISA Kit | LDL elisa kit

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CATALOG #
AAA121342

REACTIVITY
Hamster

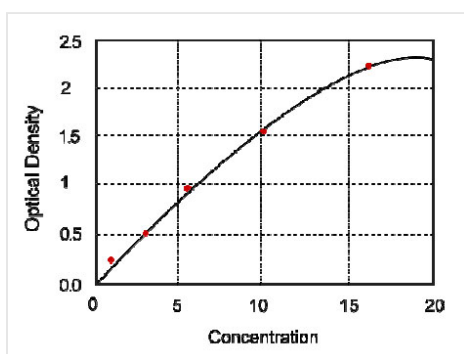
PRODUCT SYNONYMS

low density lipoprotein (LDL); Hamster low density lipoprotein (LDL) ELISA Kit; LDL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Hamster
Sequence Length	76
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-18mmol/L
Sensitivity	0.021mmol/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested 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 separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LDL elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Hamster LDL antibody. LDL present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Hamster LDL Antibody is added and binds to LDL in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LDL antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Hamster LDL. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Hamster low density lipoprotein (also known as LDL) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	306411097
NCBI GeneID	3949
Molecular Weight	75,854 Da
NCBI Official Full Name	low density lipoprotein, partial
NCBI Official Synonym Full Names	low density lipoprotein receptor
NCBI Official Symbol	LDLR
NCBI Official Synonym Symbols	FH; FHC; LDLCQ2
NCBI Protein Information	low-density lipoprotein receptor
UniProt Protein Name	Low-density lipoprotein receptor
UniProt Gene Name	LDLR
UniProt Synonym Gene Names	LDL receptor

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/hamster-elisa-kits/low-density-lipoprotein-ldl/121342>