

Human low density lipoprotein, LDL ELISA Kit | LDL elisa kit

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CATALOG #
AAA41415

REACTIVITY
Human

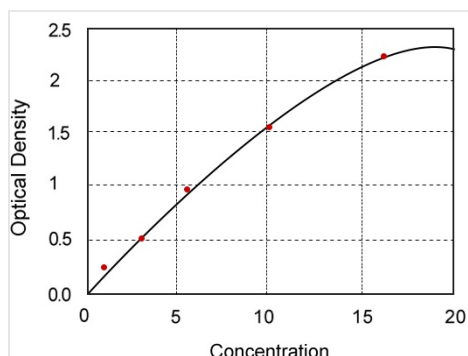
PRODUCT SYNONYMS

low density lipoprotein; LDL; Human low density lipoprotein; LDL ELISA Kit; LDL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	76
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05mmol/L - 15mmol/L
Sensitivity	0.021mmol/L
Intra-Assay	CV<8%
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

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Low Density Lipoprotein (also known as LDL) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human LDL antibody. LDL present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human 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 human LDL. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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/human-elisa-kits/low-density-lipoprotein-ldl/41415>