

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

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CATALOG #
AAA15289

REACTIVITY
Rat

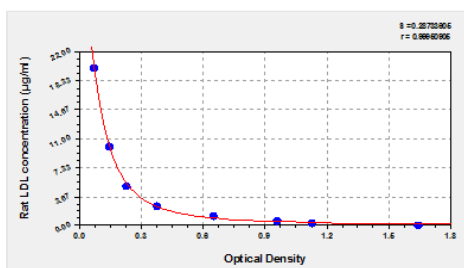
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat LDL. No significant cross-reactivity or interference between rat LDL and analogues was observed.
Sequence Length	136
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates
Detection Range	0.312 ug/ml-20 ug/ml
Sensitivity	< 0.156 ug/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LDL elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with LDL. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for LDL. The competitive inhibition reaction is launched between with pre-coated LDL and LDL in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of LDL in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	347369033
UniProt Accession #	G3G1T6
Molecular Weight	14,640 Da
NCBI Official Full Name	L-lactate dehydrogenase, partial
UniProt Protein Name	L-lactate dehydrogenase
UniProt Gene Name	Idl
UniProt Entry Name	G3G1T6_BIFLN

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/rat-elisa-kits/low-density-lipoprotein-ldl/15289>