

Rat oxidized low density lipoprotein, OxLDL ELISA Kit | OxLDL elisa kit

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CATALOG #
AAA123376

REACTIVITY
Rat

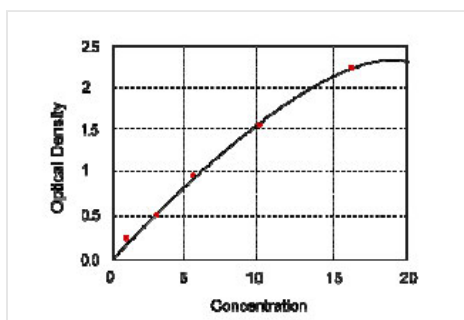
PRODUCT SYNONYMS

oxidized low density lipoprotein; OxLDL; Rat oxidized low density lipoprotein; OxLDL ELISA Kit; OxLDL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	368
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	2ng/L - 700ng/L
Sensitivity	0.86ng/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 OxLDL elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Oxidized low density lipoprotein (also known as OxLDL) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	404247470
NCBI GeneID	140914
NCBI GenBank Nucleotide #	NP_579840.2
UniProt Accession #	O70156
NCBI Official Full Name	oxidized low-density lipoprotein receptor 1
NCBI Official Synonym Full Names	oxidized low density lipoprotein receptor 1
NCBI Official Symbol	Olr1
NCBI Official Synonym Symbols	LOX-1; Oldr1; Oldlr1
NCBI Protein Information	oxidized low-density lipoprotein receptor 1
UniProt Protein Name	Oxidized low-density lipoprotein receptor 1
UniProt Gene Name	Olr1
UniProt Synonym Gene Names	Lox1; Oldlr1; Ox-LDL receptor 1; LOX-1
UniProt Entry Name	OLR1_RAT

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/rat-elisa-kits/oxidized-low-density-lipoprotein-oxldl/123376>