

Porcine OxLDL ELISA Kit | OxLDL elisa kit

Porcine OxLDL (Oxidized Low Density Lipoprotein) ELISA Kit

CATALOG #
AAA21696

REACTIVITY
Porcine

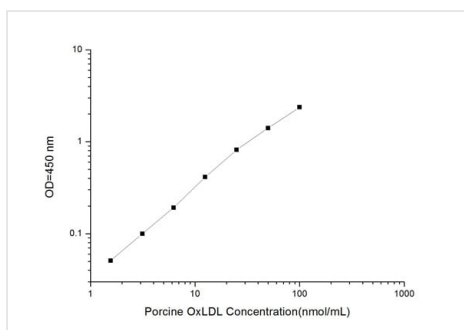
PRODUCT SYNONYMS

OxLDL; Porcine OxLDL (Oxidized Low Density Lipoprotein) ELISA Kit; OxLDL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This kit recognizes Porcine OxLDL in samples. No significant cross-reactivity or interference between Porcine OxLDL and analogues was observed.
Sequence Length	270
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	1.56-100nmol/mL
Sensitivity	0.94nmol/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Porcine OxLDL were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Porcine OxLDL were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OxLDL elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Porcine OxLDL. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Porcine OxLDL and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Porcine OxLDL, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Porcine OxLDL. You can calculate the concentration of Porcine OxLDL in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Porcine OxLDL concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27806503
NCBI GeneID	281368
NCBI Accession #	NP_776557.1
NCBI GenBank Nucleotide #	NM_174132.2
UniProt Accession #	P79391
Molecular Weight	30,892 Da
NCBI Official Full Name	oxidized low-density lipoprotein receptor 1
NCBI Official Synonym Full Names	oxidized low density lipoprotein (lectin-like) receptor 1<
NCBI Official Symbol	OLR1
NCBI Protein Information	oxidized low-density lipoprotein receptor 1; BLOX1; LOX-1; bLOX-1; lectin-like oxLDL receptor 1; lectin-like oxidized LDL receptor 1; lectin-type oxidized LDL receptor 1; ox-LDL receptor 1; oxidised low density lipoprotein (lectin-like) receptor 1
UniProt Protein Name	Oxidized low-density lipoprotein receptor 1
UniProt Gene Name	OLR1
UniProt Synonym Gene Names	LOX1; Ox-LDL receptor 1; LOX-1; Lectin-like oxLDL receptor 1; bLOX-1
UniProt Entry Name	OLR1_BOVIN

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.