

Mouse Oxidized low-density lipoprotein receptor 1 ELISA Kit | Olr1 elisa kit

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CATALOG #
AAA99296

REACTIVITY
Mouse

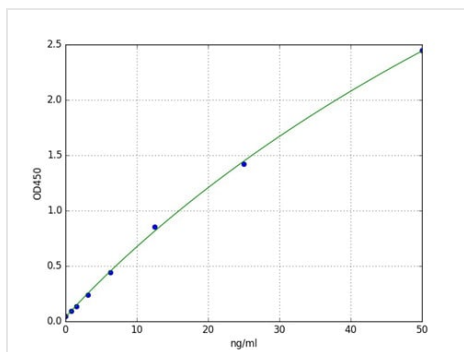
PRODUCT SYNONYMS

Oxidized low-density lipoprotein receptor 1; Mouse Oxidized low-density lipoprotein receptor 1 ELISA Kit; Olr1/LOX-1/LOX1/CLEC8A/SCARE1/SR-E1/SLOX1/C-type lectin domain family 8 member A/Lectin-like oxidized LDL receptor 1/Lectin-like oxLDL receptor 1/Lectin-type oxidized LDL receptor 1/ox LDL receptor 1/LOXIN/oxidised low density lipoprotein (lectin-like) receptor 1/oxidized low-density lipoprotein receptor 1/Ox-LDL receptor 1/scavenger receptor class E; member 1; Olr1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	368
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Olr1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.048	0.106	0.131	0.235	0.435	0.854	1.356	2.373

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Olr1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Olr1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Olr1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Olr1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Olr1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	404247470
NCBI GeneID	140914
NCBI Accession #	NP_579840.2
NCBI GenBank Nucleotide #	NM_133306.2
Molecular Weight	41,890 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 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; Lectin-like oxLDL receptor 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/olr1-mouse-elisa-kits/oxidized-low-density-lipoprotein-receptor-1/99296>