Human Oxidized low-density lipoprotein receptor 1, OLR1/LOX1 ELISA Kit | OLR1/LOX1 elisa kit

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CATALOG #	REACTIVITY
AAA122471	**Human**

PRODUCT SYNONYMS

Oxidized low-density lipoprotein receptor 1; OLR1/LOX1; Human Oxidized low-density lipoprotein receptor 1; OLR1/LOX1 ELISA Kit; OLR1/LOX1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	189
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 30ng/ml
Sensitivity	0.022ng/ml
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 OLR1/LOX1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Oxidized low-density Lipoprotein Receptor 1 (also known as OLR1/LOX1) 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 OLR1/LOX1 antibody. OLR1/LOX1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human OLR1/LOX1 Antibody is added and binds to OLR1/LOX1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated OLR1/LOX1 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 OLR1/LOX1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	290654344

NCBI GeneID	4973
NCBI Accession #	NP_001166104.1
NCBI GenBank Nucleotide #	NM_001172633.1
UniProt Accession #	P78380; Q2PP00; Q7Z484; A8K7V9; B4DI48; G3V1I4
Molecular Weight	20,227 Da
NCBI Official Full Name	oxidized low-density lipoprotein receptor 1 isoform 3
NCBI Official Synonym Full Names	oxidized low density lipoprotein receptor 1
NCBI Official Symbol	OLR1
NCBI Official Synonym Symbols	LOX1; LOXIN; SLOX1; CLEC8A; SCARE1
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	CLEC8A; LOX1; Ox-LDL receptor 1; LOX-1; Lectin-like oxLDL receptor 1; hLOX-1

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/oxidized-low-density-lipoprotein-receptor-1-olr1-lox1/122471