Bovine Lctin like oxLDL Receptor 1 ELISA Kit | LOX-1 elisa kit

Bovine Lctin like oxLDL Receptor 1 ELISA Kit

CATALOG #	REACTIVITY
AAA89187	**Bovine**

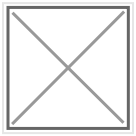
PRODUCT SYNONYMS

Lctin like oxLDL Receptor 1; Bovine Lctin like oxLDL Receptor 1 ELISA Kit; LOX-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LOX-1 elisa kit	Intended Uses: This LOX-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine LOX-1. This ELISA kit for research use only! Principle of the Assay||LOX-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-LOX-1 antibody and an LOX-1-HRP conjugate. The assay sample and buffer are incubated together with LOX-1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the LOX-1 concentration since LOX-1 from samples and LOX-1-HRP conjugate compete for the anti-LOX-1 antibody binding site. Since the number of sites is limited, as more sites are occupied by LOX-1 from the sample, fewer sites are left to bind LOX-1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LOX-1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4008187
NCBI GeneID	140914
Molecular Weight	41,890 Da
NCBI Official Full Name	lectin-like oxidized low-density lipoprotein receptor

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; ox-LDL receptor 1; lectin-like oxLDL receptor 1; lectin-like oxidized LDL receptor 1; lectin-type oxidized LDL receptor 1; lectin-like oxidized low-density lipoprotein receptor; Lectin-like oxidized low-density lipoprotein 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; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/lox-1-bovine-ovine-elisa-kits/lctin-like-oxldl-receptor-1/89187