

Mouse soluble oxidized low-density lipoprotein receptor 1/Soluble lectin-like oxidized LDL receptor 1/(sLOX-1/OLR1) ELISA 2plate

Catalogue No.:	BEK-2208-2P
Description:	The mouse Oxidized low-density lipoprotein receptor 1 (Ox-LDL receptor 1) Kit is a sandwich ELISA. The capture antibody is a monoclonal mouse Ox-LDL receptor 1 antibody pre-coated onto the 96-well strip plates provided in the kit. Test samples and standards of known Ox-LDL receptor 1 concentration are added to these wells and allowed to complex with the bound Ox-LDL receptor 1 antibody. A biotinylated anti-Ox-LDL receptor 1 antibody is then added. This detection antibody binds to the antigen thus completing the sandwich. After washing, an enzyme Avidin-Biotin-Peroxidase complex (ABC) is added which binds to the second antibody. The peroxidase substrate TMB is added to induce a coloured reaction product. The intensity of this coloured product is directly proportional to the concentration of Ox-LDL receptor 1 present in the samples. The purpose of this kit is the in-vitro quantitative determination of mouse Ox-LDL receptor 1 in samples such as sera, plasma, and cell culture supernates. This kit has been configured for research use only and is not to be used in diagnostic or clinical procedures.
Batch No.:	See product labels
Antigen:	The standard and immunogen used for this LOX-1/OLR1 ELISA is recombinant mouse LOX-1/OLR1 amino acids 60-363 that was produced in and purified from a mammalian cell expression system.
Other Names:	Ox-LDL receptor 1; C-type lectin domain family 8 member A; Lectin-like oxidized LDL receptor 1; LOX-1; Lectin-like oxLDL receptor 1; hLOX-1; Lectin-type oxidized LDL receptor 1; LOX1; OLR1; CLEC8A;LOX-1/OLR1
Accession:	Q9EQ09 OLR1_MOUSE;
Specificity:	Oxidized low-density lipoprotein receptor 1
Storage:	Store at 2-8C
Kit components:	The ELISA kit box contains 2 x 96-well pre-coated strip plates, protein standards, detection reagents, substrate buffer and detailed protocols.
Range:	31.2 pg/mL - 2,000 pg/mL
Sensitivity:	< 1 pg/ml
Kit protocol:	Please refer to our online product listing for current protocol/MSDS versions.

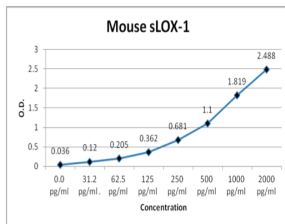
FOR RESEARCH USE ONLY

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IX: Typical Standard Curve (for reference only, not to be used for actual data)

Concentration pg/ml	0.0 pg/ml	31.2 pg/ml	62.5 pg/ml	125 pg/ml	250 pg/ml	500 pg/ml	1000 pg/ml	2000 pg/ml
O.D.	0.036	0.120	0.205	0.362	0.681	1.10	1.819	2.488

This standard curve is for demonstration purposes only. A standard curve should be generated for each assay.



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