



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

<b>Catalogue No.:</b>	BEK-2208-2P
<b>Description:</b>	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.
<b>Batch No.:</b>	See product labels
<b>Antigen:</b>	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.
<b>Other Names:</b>	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
<b>Accession:</b>	Q9EQ09 OLR1_MOUSE;
<b>Specificity:</b>	Oxidized low-density lipoprotein receptor 1
<b>Storage:</b>	Store at 4°C
<b>Kit components:</b>	The ELISA kit box contains 2 x 96-well pre-coated strip plates, protein standards, detection reagents, substrate buffer and detailed protocols.
<b>Range:</b>	31.2 pg/ml - 2,000 pg/ml
<b>Sensitivity:</b>	< 1 pg/ml
<b>Kit protocol:</b>	Please refer to our online product listing for current protocol/MSDS versions.

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FOR RESEARCH USE ONLY

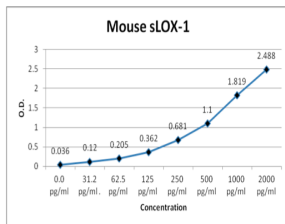


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IX: Typical Standard Curve (for reference only, not to be used for actual data)

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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