

Human Oxidized High Density Lipoprotein ELISA Kit | oxHDL elisa kit

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CATALOG #
AAA247204

REACTIVITY
Human

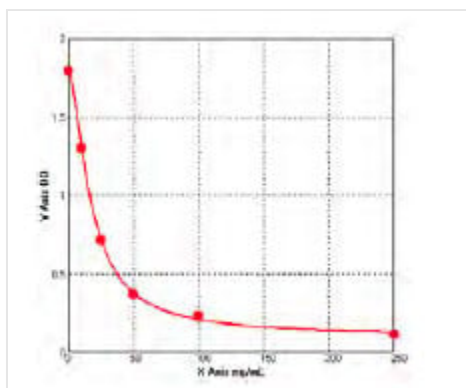
PRODUCT SYNONYMS

Oxidized High Density Lipoprotein; Human Oxidized High Density Lipoprotein ELISA Kit; oxHDL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	189
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ug/mL.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for oxHDL elisa kit

Intended Uses: This OXGLU ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine OXGLU. This ELISA kit for research use only!

Principle of the Assay: OXGLU ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-OXGLU antibody and an OXGLU-HRP conjugate. The assay sample and buffer are incubated together with OXGLU-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 OXGLU concentration since OXGLU from samples and OXGLU-HRP conjugate compete for the anti-OXGLU antibody binding site. Since the number of sites is limited, as more sites are occupied by OXGLU from the sample, fewer sites are left to bind OXGLU-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The OXGLU concentration in each sample is interpolated from this standard curve.

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; G3V114
Molecular Weight	21,425 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/oxhdl-human-elisa-kits/oxidized-high-density-lipoprotein/247204>