

GuineaPig oxidized lowdensity lipoprotein ELISA Kit | OxLDL elisa kit

Guinea Pig oxidized lowdensity lipoprotein ELISA Kit

CATALOG #
AAA84355

REACTIVITY
GuineaPig

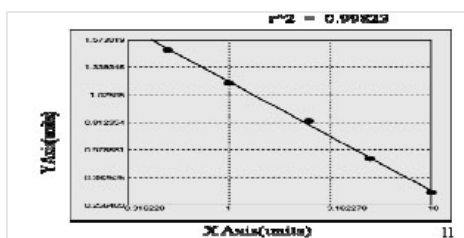
PRODUCT SYNONYMS

oxidized lowdensity lipoprotein; Guinea Pig oxidized lowdensity lipoprotein ELISA Kit; oxidized lowdensity lipoprotein (Guinea Pig); OxLDL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	GuineaPig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1?g/dl
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OxLDL elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This OXLDL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig OXLDL. This ELISA kit for research use only!

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

Product Categories/Family for OxLDL elisa kit

[Guinea Pig ELISA Kit](#)

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/oxldl-pig-elisa-kits/oxidized-lowdensity-lipoprotein/84355>