

Rat oxidized lowdensity lipoprotein ELISA Kit | OxLDL elisa kit

Rat oxidized lowdensity lipoprotein ELISA Kit

CATALOG #
AAA85684

REACTIVITY
Rat

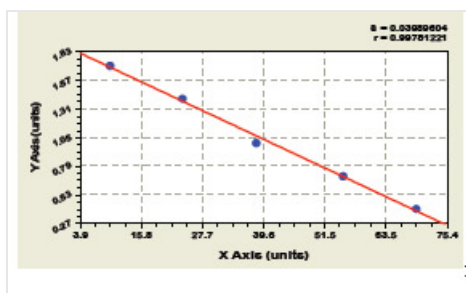
PRODUCT SYNONYMS

oxidized lowdensity lipoprotein; Rat oxidized lowdensity lipoprotein ELISA Kit; oxidized lowdensity lipoprotein (Rat); OxLDL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 mug/dl.
Intended Uses	This OxLDL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat OxLDL. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



ADDITIONAL INFORMATION

Related Product Information for OxLDL elisa kit

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

Rat 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-rat-elisa-kits/oxidized-lowdensity-lipoprotein/85684>