

Rabbit Oxidized Low Density Lipoprotein ELISA Kit | OxLDL elisa kit

Rabbit Oxidized Low Density Lipoprotein (OxLDL) (Competitive ELISA) ELISA Kit

CATALOG #
AAA189996

REACTIVITY
Rabbit

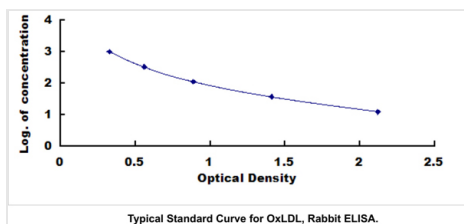
PRODUCT SYNONYMS

Oxidized Low Density Lipoprotein; Rabbit Oxidized Low Density Lipoprotein (OxLDL) (Competitive ELISA) ELISA Kit; OL; ELISA Kit for Oxidized Low Density Lipoprotein (OxLDL); OxLDL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of OxLDL. No significant cross-reactivity or interference between OxLDL and analogues was observed.
Assay Type	Quantitative Competitive
Samples	Rabbit serum, plasma and other biological fluids
Detection Range	12.35-1,000ng/mL
Sensitivity	< 4.34ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level OxLDL were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level OxLDL were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OxLDL elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to OxLDL has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled OxLDL and unlabeled OxLDL (Standards or samples) with the pre-coated antibody specific to OxLDL. After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of OxLDL in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of OxLDL in the sample.

Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of OxLDL in rabbit serum, plasma and other biological fluids.

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://stage.aaabiotech.com/oxldl-rabbit-elisa-kits/oxidized-low-density-lipoprotein/189996>