

Rat Oxidized Low Density Lipoprotein (OxLDL) ELISA Kit | OxLDL elisa kit

Rat Oxidized Low Density Lipoprotein (OxLDL) Mini Samples ELISA Kit

CATALOG #
AAA147347

REACTIVITY
Rat

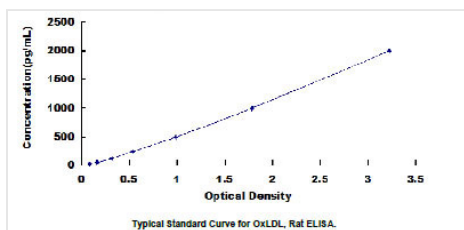
PRODUCT SYNONYMS

Oxidized Low Density Lipoprotein (OxLDL); Rat Oxidized Low Density Lipoprotein (OxLDL) Mini Samples ELISA Kit; OL; OxLDL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of ovalbumin. No significant cross-reactivity or interference between ovalbumin and analogues was observed.
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and other biological fluids
Detection Range	31.2-2,000pg/mL
Sensitivity	13.1pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ovalbumin 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 ovalbumin were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OxLDL elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ovalbumin in serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to ovalbumin. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to ovalbumin. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ovalbumin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ovalbumin in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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/rat-elisa-kits/oxidized-low-density-lipoprotein-oxldl/147347>