

Mouse High density lipoprotein cholesterol ELISA Kit | HDL-C elisa kit

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CATALOG #
AAA87399

REACTIVITY
Mouse

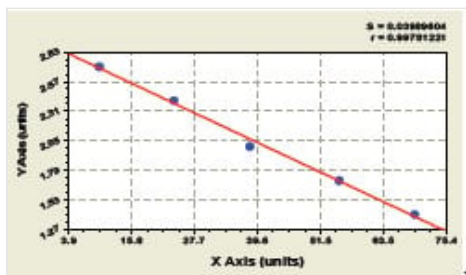
PRODUCT SYNONYMS

High density lipoprotein cholesterol; Mouse High density lipoprotein cholesterol ELISA Kit; HDL-C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100 nmol/mL
Sensitivity	1.0 nmol/mL
Intended Uses	This HDLC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse HDLC. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HDL-C elisa kit

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

Product Categories/Family for HDL-C elisa kit

Cardiovascular

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/hdl-c-mouse-elisa-kits/high-density-lipoprotein-cholesterol/87399>