

Monkey Low Density Lipoprotein ELISA Kit | LDL elisa kit

Monkey Low Density Lipoprotein ELISA Kit

CATALOG #
AAA93335

REACTIVITY
Monkey

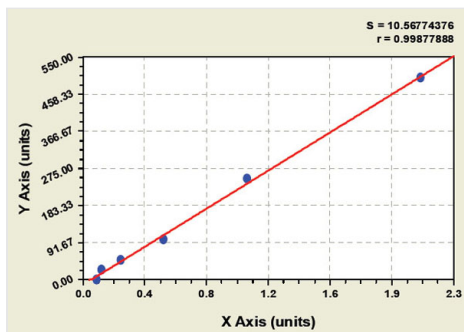
PRODUCT SYNONYMS

Low Density Lipoprotein; Monkey Low Density Lipoprotein ELISA Kit; LDL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	25-500ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This LDL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey LDL. 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 LDL elisa kit

Principle of the Assay: LDL ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for LDL. Standards or samples are then added to the microtiter plate wells and LDL if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of LDL present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for LDL are added to each well to "sandwich" the LDL immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain LDL and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LDL concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	306411097
Molecular Weight	8,219 Da
NCBI Official Full Name	low density lipoprotein, partial
UniProt Protein Name	Low density lipoprotein
UniProt Gene Name	LDLR
UniProt Entry Name	E1B4T0_HUMAN

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/ldl-monkey-elisa-kits/low-density-lipoprotein/93335>