

Hamster Apolipoprotein A1 ELISA Kit | APOA1 elisa kit

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CATALOG #
AAA247759

REACTIVITY
Hamster

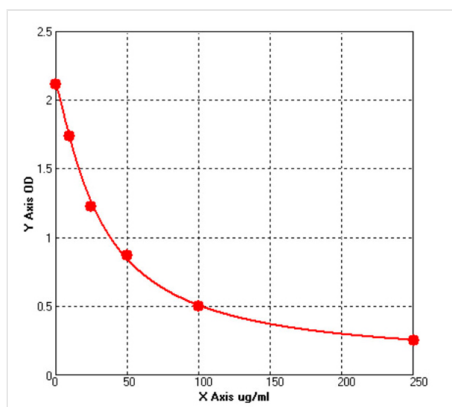
PRODUCT SYNONYMS

Apolipoprotein A1; Hamster Apolipoprotein A1 ELISA Kit; APOA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Hamster
Specificity	This assay has high sensitivity and excellent specificity for detection of APOA1. No significant cross-reactivity or interference between APOA1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between APOA1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ug/mL
Intra-Assay	CV<10%
Inter-Assay	CV<15%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOA1 elisa kit	Principle of the Assay: APOA1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-APOA1 antibody and an APOA1-HRP conjugate. The assay sample and buffer are incubated together with APOA1-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 APOA1 concentration since APOA1 from samples and APOA1-HRP conjugate compete for the anti-APOA1 antibody binding site. Since the number of sites is limited, as more sites are occupied by APOA1 from the sample, fewer sites are left to bind APOA1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The APOA1 concentration in each sample is interpolated from this standard curve. Intended Uses: This APOA1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Hamster APOA1. This ELISA kit for research use only, not for therapeutic or test applications!
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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://www.aaabiotech.com/apoa1-hamster-elisa-kits/apolipoprotein-a1/247759>