

Mouse APO-A1 (Apolipoprotein A1) CLIA Kit | APO-A1 clia kit

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CATALOG #
AAA171245

REACTIVITY
Mouse

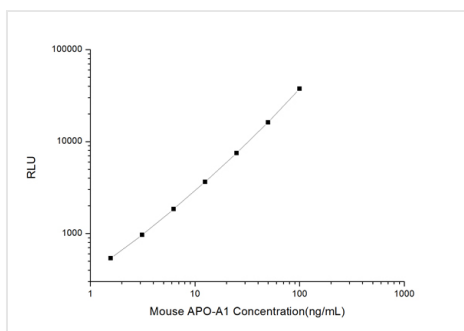
PRODUCT SYNONYMS

APO-A1 (Apolipoprotein A1); Mouse APO-A1 (Apolipoprotein A1) CLIA Kit; APO-A1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes natural and recombinant APO-A1. No significant cross-reactivity or interference between APO-A1 and analogues was observed.
Sequence Length	396
Assay Type	Sandwich
Detection Range	1.563-100ng/mL
Sensitivity	Min: 0.938ng/mL; Max: 100ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APO-A1 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of APO-A1 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to APO-A1. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for APO-A1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain APO-A1, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of APO-A1. You can calculate the concentration of APO-A1 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71773110
NCBI GeneID	337
NCBI Accession #	NP_000473.2
NCBI GenBank Nucleotide #	NM_000482.3
Molecular Weight	45,399 Da
NCBI Official Full Name	apolipoprotein A-IV
NCBI Official Synonym Full Names	apolipoprotein A-IV
NCBI Official Symbol	APOA4
NCBI Protein Information	apolipoprotein A-IV
UniProt Protein Name	Apolipoprotein A-IV
UniProt Gene Name	APOA4
UniProt Synonym Gene Names	Apo-AIV; ApoA-IV
UniProt Entry Name	APOA4_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/mouse-clia-kits/apo-a1-apolipoprotein-a1/171245>