

Human ApoB (Apolipoprotein B) CLIA Kit | ApoB clia kit

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CATALOG #
AAA170989

REACTIVITY
Human

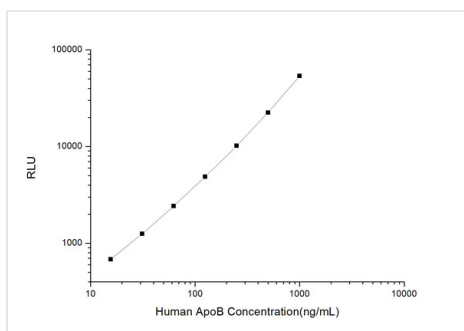
PRODUCT SYNONYMS

ApoB (Apolipoprotein B); Human ApoB (Apolipoprotein B) CLIA Kit; Apo-B; FLDB; LDLCQ4; ApoB clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant ApoB. No significant cross-reactivity or interference between ApoB and analogues was observed.
Sequence Length	1670
Assay Type	Sandwich
Detection Range	15.625-1000ng/mL
Sensitivity	Min: 9.375ng/mL; Max: 1000ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ApoB clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of ApoB 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 ApoB. 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 ApoB 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 ApoB, 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 ApoB. You can calculate the concentration of ApoB in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	553189
NCBI GeneID	338
Molecular Weight	515,605 Da
NCBI Official Full Name	apolipoprotein B, partial
NCBI Official Synonym Full Names	apolipoprotein B
NCBI Official Symbol	APOB
NCBI Official Synonym Symbols	FLDB; LDLCQ4; apoB-48; apoB-100
NCBI Protein Information	apolipoprotein B-100
UniProt Protein Name	Apolipoprotein B-100
UniProt Gene Name	APOB
UniProt Synonym Gene Names	Apo B-100; Apo B-48
UniProt Entry Name	APOB_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/human-clia-kits/apob-apolipoprotein-b/170989>