

Human apolipoprotein A-IV ELISA Kit | APOA4 elisa kit

Human Apolipoprotein A-IV, APOA4 ELISA Kit

CATALOG #
AAA112797

REACTIVITY
Human

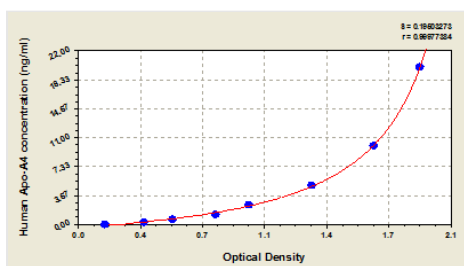
PRODUCT SYNONYMS

apolipoprotein A-IV; Human Apolipoprotein A-IV; APOA4 ELISA Kit; Human Apolipoprotein A-IV (APOA4) ELISA kit; MGC142154; MGC142156; ; APOA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human APOA4. No significant cross-reactivity or interference between human APOA4 and analogues was observed.
Sequence Length	380
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.041 ng/ml-30 ng/ml
Sensitivity	< 0.041 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOA4 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for APOA4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any APOA4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for APOA4 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of APOA4 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	82697389
NCBI GeneID	537301
NCBI Accession #	NP_001032557.1
NCBI GenBank Nucleotide #	NM_001037480.1
UniProt Accession #	Q32PJ2
Molecular Weight	43,018 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; apo-AIV; apoA-IV; apolipoprotein A4
UniProt Protein Name	Apolipoprotein A-IV
UniProt Gene Name	APOA4
UniProt Synonym Gene Names	Apo-AIV; ApoA-IV
UniProt Entry Name	APOA4_BOVIN

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/apoa4-human-elisa-kits/apolipoprotein-a-iv/112797>