

Human apolipoprotein L, 1 ELISA Kit | APOL1 elisa kit

Human Apolipoprotein L1, APOL1 ELISA Kit

CATALOG #
AAA112608

REACTIVITY
Human

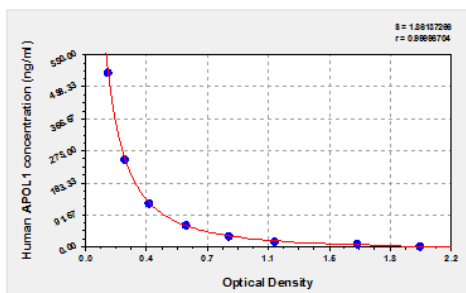
PRODUCT SYNONYMS

apolipoprotein L; 1; Human Apolipoprotein L1; APOL1 ELISA Kit; Human Apolipoprotein L1 (APOL1) ELISA kit; RP1-68O2.2; APO-L; APOL; APOL-I; OTTHUMP00000197984; apolipoprotein L-I; apolipoprotein L1; APOL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human APOL1. No significant cross-reactivity or interference between Human APOL1 and analogues was observed.
Sequence Length	398
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	7.81 ng/ml-500 ng/ml
Sensitivity	1.95 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Biosynthesis/Metabolism
Protein Biological Process 2	Lipogenesis and lipometabolism
Protein Biological Process 3	Cholesterol metabolism
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 APOL1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with APOL1. Standards or samples are then added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) -conjugated antibody preparation specific for APOL1•C mix well and incubated. The more the amount of APOL1 in samples, the less HRP-antibody bound by pre-coated APOL1. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. And the color develops in opposite to the amount of APOL1 in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	211938440
NCBI GeneID	8542
NCBI Accession #	NP_001130012.1
NCBI GenBank Nucleotide #	NM_001136540.1
UniProt Accession #	O14791; O60804; Q5R3P7; Q5R3P8; Q96AB8; Q96PM4; Q9BQ03; A5PLQ4; B4DU12; E9PF24
Molecular Weight	43,974 Da
NCBI Official Full Name	apolipoprotein L1 isoform a
NCBI Official Synonym Full Names	apolipoprotein L, 1
NCBI Official Symbol	APOL1
NCBI Official Synonym Symbols	APOL; APO-L; FSGS4; APOL-I
NCBI Protein Information	apolipoprotein L1
UniProt Protein Name	Apolipoprotein L1
UniProt Gene Name	APOL1
UniProt Synonym Gene Names	APOL; Apo-L; ApoL; ApoL-I
UniProt Entry Name	APOL1_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.