

Human apolipoprotein D ELISA Kit | APOD elisa kit

Human Apolipoprotein D, APOD ELISA Kit

CATALOG #
AAA112805

REACTIVITY
Human

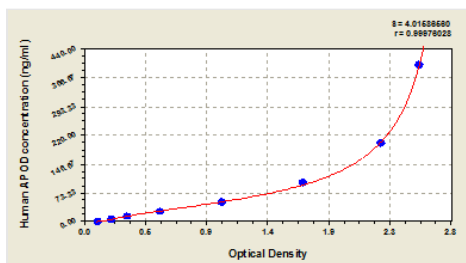
PRODUCT SYNONYMS

apolipoprotein D; Human Apolipoprotein D; APOD ELISA Kit; Human Apolipoprotein D (APOD) ELISA kit; APOD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human APOD. No significant cross-reactivity or interference between Human APOD and analogues was observed.
Sequence Length	189
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	6.25 ng/ml-400 ng/ml
Sensitivity	1.56 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	Transport
Protein Biological Process 3	Transport
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 APOD elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for APOD has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any APOD present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for APOD 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 APOD bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502163
NCBI GeneID	347
NCBI Accession #	NP_001638.1
NCBI GenBank Nucleotide #	NM_001647.3
UniProt Accession #	P05090; Q6IBG6; B2R579; D3DNW6
Molecular Weight	21,276 Da
NCBI Official Full Name	apolipoprotein D
NCBI Official Synonym Full Names	apolipoprotein D
NCBI Official Symbol	APOD
NCBI Protein Information	apolipoprotein D; apo-D
UniProt Protein Name	Apolipoprotein D
UniProt Gene Name	APOD
UniProt Synonym Gene Names	Apo-D; ApoD
UniProt Entry Name	APOD_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.