

Human apolipoprotein O ELISA Kit | APOO elisa kit

Human Apolipoprotein O, APOO ELISA Kit

CATALOG #
AAA112414

REACTIVITY
Human

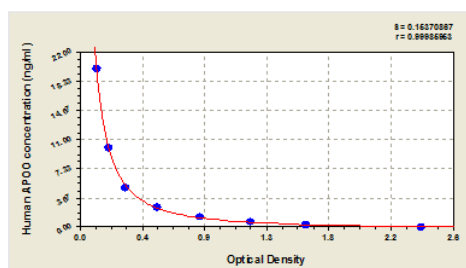
PRODUCT SYNONYMS

apolipoprotein O; Human Apolipoprotein O; APOO ELISA Kit; Human Apolipoprotein O (APOO) ELISA kit; FAM121B; MGC4825; My025; brain my025; family with sequence similarity 121B; APOO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human APOO. No significant cross-reactivity or interference between Human APOO and analogues was observed.
Sequence Length	198
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	0.31 ng/ml-20 ng/ml
Sensitivity	0.08 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	Lipid 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 APOO elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with APOO. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for APOO. The competitive inhibition reaction is launched between with pre-coated APOO and APOO in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of APOO in the samples. The color development is stopped and the intensity of the color is measured.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	13129148
NCBI GeneID	79135
NCBI Accession #	NP_077027.1
NCBI GenBank Nucleotide #	NM_024122.4
UniProt Accession #	Q9BUR5; Q9H3J9; B2R4K9
Molecular Weight	22,285 Da
NCBI Official Full Name	apolipoprotein O
NCBI Official Synonym Full Names	apolipoprotein O
NCBI Official Symbol	APOO
NCBI Official Synonym Symbols	My025; FAM121B
NCBI Protein Information	apolipoprotein O; brain my025; family with sequence similarity 121B
UniProt Protein Name	Apolipoprotein O
UniProt Gene Name	APOO
UniProt Synonym Gene Names	FAM121B; My025; UNQ1866/PRO4302
UniProt Entry Name	APOO_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.