

Human Acyloxyacyl Hydrolase (AOAH) ELISA Kit | AOAH elisa kit

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CATALOG #
AAA63476

REACTIVITY
Human

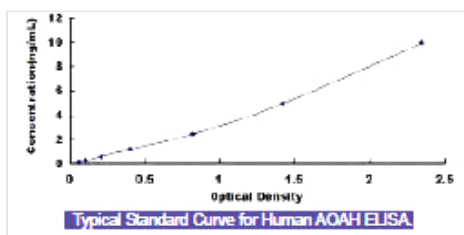
PRODUCT SYNONYMS

Acyloxyacyl Hydrolase (AOAH); Human Acyloxyacyl Hydrolase (AOAH) ELISA Kit; AOAH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of AOAH. No significant cross-reactivity or interference between AOAH and analogues was observed.
Sequence Length	688
Samples	Serum, plasma, tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.059ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level AOAH were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level AOAH were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AOA ^h elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of AOA^h in human serum, plasma, tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to AOA^h. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to AOA^h. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain AOA^h, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of AOA^h in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	294610665
NCBI GeneID	313
NCBI Accession #	NP_001170977.1
NCBI GenBank Nucleotide #	NM_001177506.1
UniProt Accession #	P28039; Q53F13; A4D1Y5; B7Z490
Molecular Weight	61,647 Da
NCBI Official Full Name	acyloxyacyl hydrolase isoform 2 preproprotein
NCBI Official Synonym Full Names	acyloxyacyl hydrolase
NCBI Official Symbol	AOA ^h
NCBI Protein Information	acyloxyacyl hydrolase
UniProt Protein Name	Acyloxyacyl hydrolase
UniProt Gene Name	AOA ^h

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.