Human Acyl CoA dehydrogenase family member 11 (ACAD11) ELISA Kit | ACAD11 elisa kit

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CATALOG #	REACTIVITY
AAA246879	**Human**

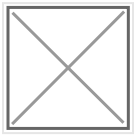
PRODUCT SYNONYMS

Acyl CoA dehydrogenase family member 11 (ACAD11); Human Acyl CoA dehydrogenase family member 11 (ACAD11) ELISA Kit; ACAD11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACAD11 elisa kit	Intended Uses: This ACACB2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ACACB2. This ELISA kit for research use only! Principle of the Assay: ACACB2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ACACB2 antibody and an ACACB2-HRP conjugate. The assay sample and buffer are incubated together with ACACB2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ACACB2 concentration since ACACB2 from samples and ACACB2-HRP conjugate compete for the anti-ACACB2 antibody binding site. Since the number of sites is limited, as more sites are occupied by ACACB2 from the sample, fewer sites are left to bind ACACB2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ACACB2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38505218
NCBI GeneID	84129
NCBI Accession #	NP_115545.3
NCBI GenBank Nucleotide #	NM_032169.4

Molecular Weight	73,920 Da
NCBI Official Full Name	acyl-CoA dehydrogenase family member 11
NCBI Official Synonym Full Names	acyl-CoA dehydrogenase family, member 11
NCBI Official Symbol	ACAD11
NCBI Official Synonym Symbols	ACAD-11
NCBI Protein Information	acyl-CoA dehydrogenase family member 11; 62113 protein; acyl-Coenzyme A dehydrogenase family, member 11
UniProt Protein Name	Acyl-CoA dehydrogenase family member 11
UniProt Gene Name	**ACAD11**
UniProt Synonym Gene Names	ACAD-11
UniProt Entry Name	ACD11_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.

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Online datasheet: https://stage.aaabiotech.com/human-elisa-kits/acyl-coa-dehydrogenase-family-member-11-acad11/246879