

Mouse Acyl-CoA-binding domain-containing protein 7 (ACBD7) ELISA Kit | ACBD7 elisa kit

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CATALOG #
AAA246287

REACTIVITY
Mouse

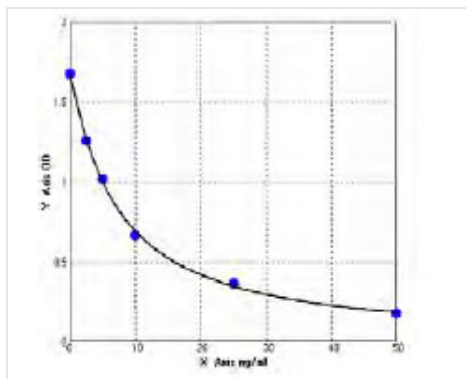
PRODUCT SYNONYMS

Acyl-CoA-binding domain-containing protein 7 (ACBD7); Mouse Acyl-CoA-binding domain-containing protein 7 (ACBD7) ELISA Kit; ACBD7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of ACBD7. No significant cross-reactivity or interference between ACBD7 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ACBD7 and all the analogues, therefore, cross reaction may still exist in some cases.
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 ACBD7 elisa kit	Intended Uses: This ACBD7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ACBD7. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: ACBD7 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-ACBD7 antibody and an ACBD7-HRP conjugate. The assay sample and buffer are incubated together with ACBD7-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 ACBD7 concentration since ACBD7 from samples and ACBD7-HRP conjugate compete for the anti-ACBD7 antibody binding site. Since the number of sites is limited, as more sites are occupied by ACBD7 from the sample, fewer sites are left to bind ACBD7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ACBD7 concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	89886362
NCBI GeneID	414149
NCBI Accession #	NP_001034933.1
NCBI GenBank Nucleotide #	NM_001039844.2
Molecular Weight	9,790 Da
NCBI Official Full Name	acyl-CoA-binding domain-containing protein 7
NCBI Official Synonym Full Names	acyl-CoA binding domain containing 7
NCBI Official Symbol	ACBD7
NCBI Official Synonym Symbols	bA455B2.2
NCBI Protein Information	acyl-CoA-binding domain-containing protein 7; acyl-Coenzyme A binding domain containing 7
UniProt Protein Name	Acyl-CoA-binding domain-containing protein 7
UniProt Gene Name	ACBD7
UniProt Entry Name	ACBD7_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/acyl-coa-binding-domain-containing-protein-7-acbd7/246287>