

Mouse Alkaline ceramidase 3 (ACER3) ELISA Kit | ACER3 elisa kit

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CATALOG #
AAA246795

REACTIVITY
Mouse

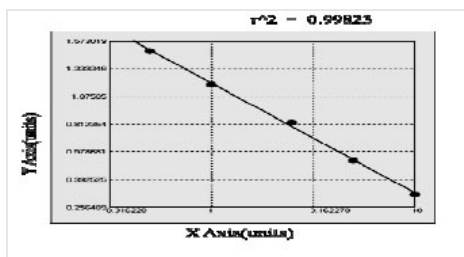
PRODUCT SYNONYMS

Alkaline ceramidase 3 (ACER3); Mouse Alkaline ceramidase 3 (ACER3) ELISA Kit; ACER3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive (Quantitative)
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 ACER3 elisa kit

Intended Uses: This ACER3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ACER3. This ELISA kit for research use only!

Principle of the Assay: ACER3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ACER3 antibody and an ACER3-HRP conjugate. The assay sample and buffer are incubated together with ACER3-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 ACER3 concentration since ACER3 from samples and ACER3-HRP conjugate compete for the anti-ACER3 antibody binding site. Since the number of sites is limited, as more sites are occupied by ACER3 from the sample, fewer sites are left to bind ACER3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ACER3 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49522549
NCBI GeneID	55331

Molecular Weight	15,895 Da
NCBI Official Full Name	Alkaline ceramidase 3
NCBI Official Synonym Full Names	alkaline ceramidase 3
NCBI Official Symbol	ACER3
NCBI Official Synonym Symbols	APHC; PHCA
NCBI Protein Information	alkaline ceramidase 3; alkCDase 3; alkaline CDase 3; alkaline phytoceramidase; phytoceramidase, alkaline; alkaline dihydroceramidase SB89
UniProt Protein Name	Alkaline ceramidase 3
UniProt Gene Name	ACER3
UniProt Synonym Gene Names	APHC; PHCA; AlkCDase 3; Alkaline CDase 3; aPHC
UniProt Entry Name	ACER3_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://www.aaabiotech.com/mouse-elisa-kits/alkaline-ceramidase-3-acer3/246795>