

Mouse Monocarboxylate transporter 1 ELISA Kit | Slc16a1 elisa kit

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CATALOG #
AAA310217

REACTIVITY
Mouse

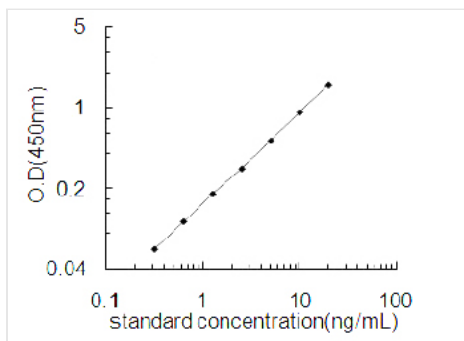
PRODUCT SYNONYMS

Monocarboxylate transporter 1; Mouse Monocarboxylate transporter 1 ELISA Kit; MCT 1; Solute carrier family 16 member 1; Slc16a1; Mct1; Slc16a1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse MCT 1. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates and cell culture supernates and other biological fluids
Detection Range	0.31 ng/mL -20.0 ng/mL
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Slc16a1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse monocarboxylate transporter 1, MCT 1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MCT 1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for MCT 1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain MCT 1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of MCT 1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6677995
NCBI GeneID	20501
NCBI Accession #	NP_033222.1
NCBI GenBank Nucleotide #	NM_009196.4
UniProt Accession #	P53986
Molecular Weight	53,267 Da
NCBI Official Full Name	monocarboxylate transporter 1
NCBI Official Synonym Full Names	solute carrier family 16 (monocarboxylic acid transporters), member 1
NCBI Official Symbol	Slc16a1
NCBI Official Synonym Symbols	Mct1; AL022710
NCBI Protein Information	monocarboxylate transporter 1
UniProt Protein Name	Monocarboxylate transporter 1
UniProt Gene Name	Slc16a1
UniProt Synonym Gene Names	Mct1; MCT 1

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/slc16a1-mouse-elisa-kits/monocarboxylate-transporter-1/310217>