

Mouse Monocarboxylate Transporter-1 (MCT-1) ELISA Kit | MCT-1 elisa kit

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CATALOG #
AAA121472

REACTIVITY
Mouse

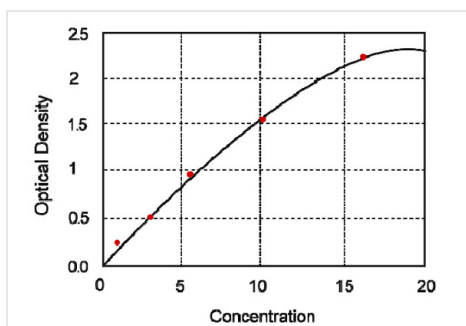
PRODUCT SYNONYMS

Monocarboxylate Transporter-1 (MCT-1); Mouse Monocarboxylate Transporter-1 (MCT-1) ELISA Kit; MCT-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	500
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.2-60ng/ml
Sensitivity	0.103ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MCT-1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse MCT-1 antibody. MCT-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse MCT-1 Antibody is added and binds to MCT-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MCT-1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse MCT-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Monocarboxylate Transporter-1 (also known as MCT-1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	262073007
NCBI GeneID	6566
NCBI Accession #	NP_001159968.1
NCBI GenBank Nucleotide #	NM_001166496.1
UniProt Accession #	P53985; Q49A45; Q5T8R6; Q9NSJ9
Molecular Weight	46,234 Da
NCBI Official Full Name	monocarboxylate transporter 1
NCBI Official Synonym Full Names	solute carrier family 16 member 1
NCBI Official Symbol	SLC16A1
NCBI Official Synonym Symbols	MCT; HHF7; MCT1; MCT1D
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://www.aaabiotech.com/mouse-elisa-kits/monocarboxylate-transporter-1-mct-1/121472>