

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

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CATALOG #
AAA121225

REACTIVITY
Rat

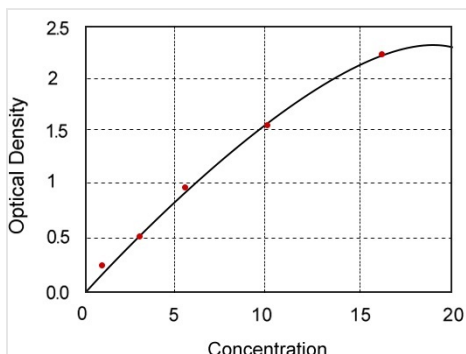
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	500
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 35ng/ml
Sensitivity	0.058ng/ml
Intra-Assay	CV<8%
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

Intended Uses: This sandwich kit is for the accurate quantitative detection of rat Monocarboxylate Transporter-1 (also known as MCT-1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with rat MCT-1 antibody. MCT-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated rat 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 rat MCT-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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/rat-elisa-kits/monocarboxylate-transporter-1-mct-1/121225>