

Human Monocarboxylate Transporter 1 (SLC16A1) ELISA Kit | MCT1 elisa kit

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CATALOG #
AAA330836

REACTIVITY
Human

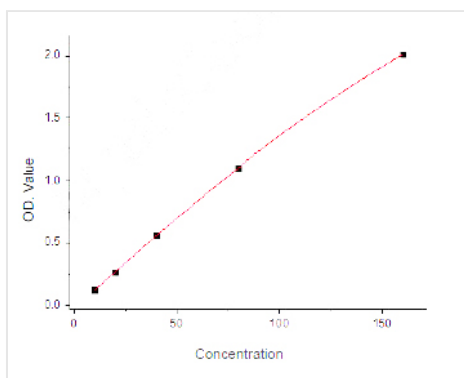
PRODUCT SYNONYMS

Monocarboxylate Transporter 1 (SLC16A1); Human Monocarboxylate Transporter 1 (SLC16A1) ELISA Kit; SLC16A1; FLJ36745; HHF7; MCT; MGC44475; monocarboxylate transporter 1; solute carrier family 16 (monocarboxylic acid transporters); member 1; solute carrier family 16; MCT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Monocarboxylate transporter 1 (SLC16A1) ELISA Kit has high sensitivity and excellent specificity for detection of Human SLC16A1. No significant cross-reactivity or interference between Human SLC16A1 and analogues was observed.
Sequence Length	500
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids.
Detection Range	12.5 pg/mL - 200 pg/mL
Sensitivity	< 1pg/mL
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MCT1 elisa kit	Background: Monocarboxylate transporter-1 antibody is a type of polyclonal antibody that can specifically bind to monocarboxylate transporter-1, and is mainly used for the detection of monocarboxylate transporter-1 in immunological experiments in vitro. Principle of the Assay: Human Monocarboxylate transporter 1 (SLC16A1) ELISA Kit employs a two-site sandwich ELISA to quantitate SLC16A1 in samples. An antibody specific for SLC16A1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SLC16A1 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human SLC16A1 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of SLC16A1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	262073007
NCBI GeneID	6566
NCBI Accession #	NP_001159968.1
NCBI GenBank Nucleotide #	NP_001159968.1
UniProt Accession #	P53985
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
UniProt Entry Name	MOT1_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://stage.aaabiotech.com/mct1-human-elisa-kits/monocarboxylate-transporter-1-slc16a1/330836>