

Mouse Mitochondrial brown fat uncoupling protein 1, UCP1 ELISA Kit | UCP1 elisa kit

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CATALOG #
AAA123397

REACTIVITY
Mouse

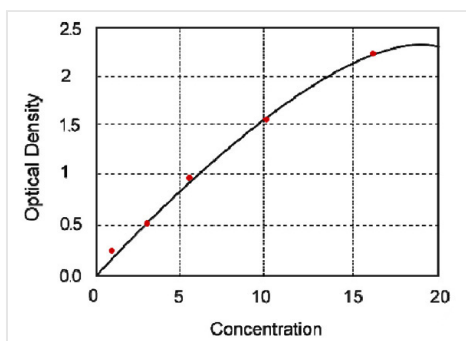
PRODUCT SYNONYMS

Mitochondrial brown fat uncoupling protein 1; UCP1; Mouse Mitochondrial brown fat uncoupling protein 1; UCP1 ELISA Kit; UCP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	309
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	20-6000ng/L
Sensitivity	9.27ng/L
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 UCP1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse UCP1 antibody. UCP1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse UCP1 Antibody is added and binds to UCP1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated UCP1 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 UCP1. 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 Mitochondrial brown fat uncoupling protein 1 (also known as UCP1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50978694
NCBI GeneID	403574
NCBI GenBank Nucleotide #	NP_001003046.1
UniProt Accession #	Q9GMZ1
NCBI Official Full Name	mitochondrial brown fat uncoupling protein 1
NCBI Official Symbol	UCP1
NCBI Protein Information	mitochondrial brown fat uncoupling protein 1
UniProt Protein Name	Mitochondrial brown fat uncoupling protein 1
UniProt Gene Name	UCP1
UniProt Synonym Gene Names	SLC25A7; UCP 1
UniProt Entry Name	UCP1_CANLF

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.