

Mouse uncoupling protein 3, UCP3 ELISA Kit | UCP3 elisa kit

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CATALOG #
AAA121434

REACTIVITY
Mouse

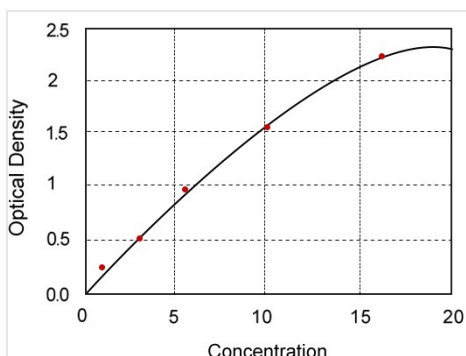
PRODUCT SYNONYMS

uncoupling protein 3; UCP3; Mouse uncoupling protein 3; UCP3 ELISA Kit; UCP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	312
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 30ng/ml
Sensitivity	0.05ng/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 UCP3 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Uncoupling Protein 3 (also known as UCP3) 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 Mouse UCP3 antibody. UCP3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse UCP3 Antibody is added and binds to UCP3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated UCP3 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 UCP3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3176760
NCBI GeneID	7352
Molecular Weight	29,783 Da
NCBI Official Full Name	uncoupling protein 3
NCBI Official Synonym Full Names	uncoupling protein 3
NCBI Official Symbol	UCP3
NCBI Official Synonym Symbols	SLC25A9
NCBI Protein Information	mitochondrial uncoupling protein 3
UniProt Protein Name	Mitochondrial uncoupling protein 3
UniProt Gene Name	UCP3
UniProt Synonym Gene Names	SLC25A9; UCP 3

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/mouse-elisa-kits/uncoupling-protein-3-ucp3/121434>