

Rat Mitochondrial Uncoupling Protein 2 ELISA Kit | UCP2 elisa kit

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CATALOG #
AAA122890

REACTIVITY
Rat

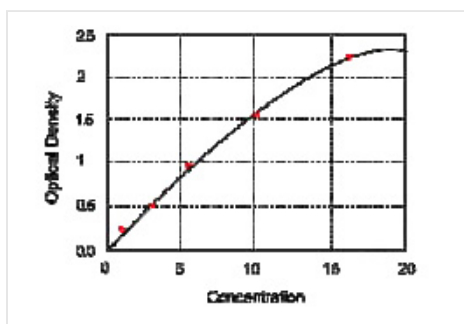
PRODUCT SYNONYMS

Mitochondrial Uncoupling Protein 2; Rat Mitochondrial Uncoupling Protein 2 ELISA Kit; UCP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	309
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	1ng/L-380ng/L
Sensitivity	0.58ng/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 UCP2 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Mid-regional Pro-adrenomedullin (also known as MR-ProADM) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat MR-ProADM antibody. MR-ProADM present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat MR-ProADM Antibody is added and binds to MR-ProADM in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MR-ProADM 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 MR-ProADM. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13259541
NCBI GeneID	7351
NCBI Accession #	NP_003346.2
NCBI GenBank Nucleotide #	NM_003355.2
UniProt Accession #	P55851
NCBI Official Full Name	mitochondrial uncoupling protein 2
NCBI Official Synonym Full Names	uncoupling protein 2
NCBI Official Symbol	UCP2
NCBI Official Synonym Symbols	UCPH; BMIQ4; SLC25A8
NCBI Protein Information	mitochondrial uncoupling protein 2
UniProt Protein Name	Mitochondrial uncoupling protein 2
UniProt Gene Name	UCP2
UniProt Synonym Gene Names	SLC25A8; UCP 2
UniProt Entry Name	UCP2_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://www.aaabiotech.com/rat-elisa-kits/mitochondrial-uncoupling-protein-2/122890>