

Dog Mitochondrial uncoupling protein 3 ELISA Kit | UCP3 elisa kit

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CATALOG #
AAA195054

REACTIVITY
Dog

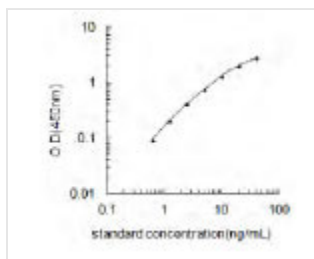
PRODUCT SYNONYMS

Mitochondrial uncoupling protein 3; Dog Mitochondrial uncoupling protein 3 ELISA Kit; UCP 3; Solute carrier family 25 member 9; UCP3; SLC25A9; UCP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	Recombinant and natural Dog Mitochondrial uncoupling protein 3,UCP 3
Sequence Length	311
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.625-40 ng/mL
Sensitivity	< 0.285 ng/mL
Intra-assay Precision	Intra-Assay CV: <=4.6%
Inter-assay Precision	Inter-Assay CV: <=8.1%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UCP3 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50978696
NCBI GeneID	403575
NCBI Accession #	NP_001003047.1
NCBI GenBank Nucleotide #	NM_001003047.1
UniProt Accession #	Q9N2I9; Q9TTS9
Molecular Weight	34,138 Da
NCBI Official Full Name	mitochondrial uncoupling protein 3
NCBI Official Symbol	UCP3
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
UniProt Entry Name	UCP3_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.

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Online datasheet: <https://stage.aaabiotech.com/ucp3-dog-elisa-kits/mitochondrial-uncoupling-protein-3/195054>