

Human Uncoupling Protein 3, Mitochondrial ELISA Kit | UCP-3 elisa kit

Human UCP-3 (Uncoupling Protein 3, Mitochondrial) ELISA Kit

CATALOG #
AAA171448

REACTIVITY
Human

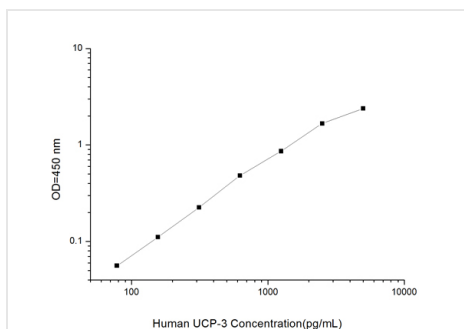
PRODUCT SYNONYMS

Uncoupling Protein 3; Mitochondrial; Human UCP-3 (Uncoupling Protein 3; Mitochondrial) ELISA Kit; UCP-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human UCP-3. No significant cross-reactivity or interference between Human UCP-3 and analogues was observed.
Sequence Length	308
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	Min: 46.875pg/mL; Max: 5000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UCP-3 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanUCP-3concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to UCP-3. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for UCP-3and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain UCP-3, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of UCP-3.You can calculate the concentration of UCP-3in the samples by comparing the OD of the samples to the standard curve.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	223462768
NCBI GeneID	22229
Molecular Weight	33,911 Da
NCBI Official Full Name	Uncoupling protein 3 (mitochondrial, proton carrier)
NCBI Official Synonym Full Names	uncoupling protein 3 (mitochondrial, proton carrier)
NCBI Official Symbol	Ucp3
NCBI Official Synonym Symbols	UCP-3; Slc25a9; AI645527
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_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ucp-3-human-elisa-kits/uncoupling-protein-3-mitochondrial/171448>