

Human uncoupling protein 1, UCP1 ELISA Kit | UCP1 elisa kit

Human uncoupling protein 1, UCP1 ELISA Kit

CATALOG #
AAA11177

REACTIVITY
Human

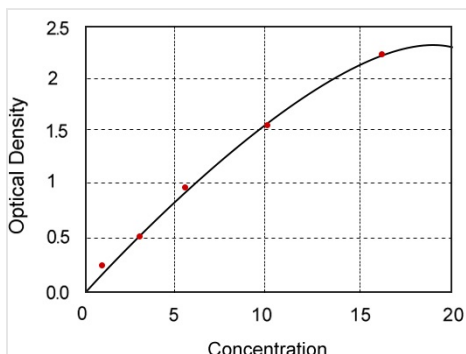
PRODUCT SYNONYMS

uncoupling protein 1; UCP1; Human uncoupling protein 1; UCP1 ELISA Kit; UCP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	309
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 200ng/ml
Sensitivity	0.19ng/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 UCP1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Uncoupling Protein 1 (also known as UCP1) 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 human UCP1 antibody. UCP1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human 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 human UCP1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	54124934
Molecular Weight	33,888 Da
NCBI Official Full Name	uncoupling protein 1
UniProt Protein Name	Uncoupling protein 1
UniProt Gene Name	UCP1

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/human-elisa-kits/uncoupling-protein-1-ucp1/11177>