

Human Urocortin ELISA Kit | UCN elisa kit

Human Urocortin ELISA Kit

CATALOG #
AAA100738

REACTIVITY
Human

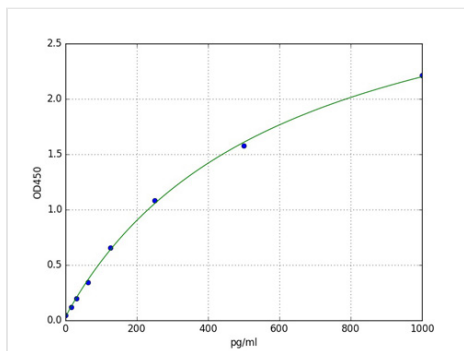
PRODUCT SYNONYMS

Urocortin; Human Urocortin ELISA Kit; UCN (Urocortin)/UI/UROC/urocortin; preproprotein/UROCUI; UCN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	124
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Human UCN ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.027	0.086	0.133	0.292	0.496	0.940	1.724	2.597

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UCN elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human UCN antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human UCN antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human UCN amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human UCN can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4507803

NCBI GeneID	7349
NCBI Accession #	NP_003344.1
NCBI GenBank Nucleotide #	NM_003353.3
Molecular Weight	13,458 Da
NCBI Official Full Name	urocortin preproprotein
NCBI Official Synonym Full Names	urocortin
NCBI Official Symbol	UCN
NCBI Official Synonym Symbols	UI; UROC
NCBI Protein Information	urocortin
UniProt Protein Name	Urocortin
UniProt Gene Name	UCN
UniProt Entry Name	UCN1_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://stage.aaabiotech.com/ucn-human-elisa-kits/urocortin/100738>