

Human Urocortin ELISA Kit | UCN elisa kit

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CATALOG #
AAA96695

REACTIVITY
Human

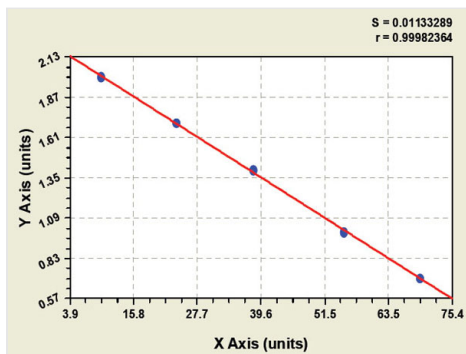
PRODUCT SYNONYMS

Urocortin; Human Urocortin ELISA Kit; UCN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UCN elisa kit

Intended Uses: This UCN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human UCN. This ELISA kit for research use only!

Principle of the Assay: UCN ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-UCN antibody and an UCN-HRP conjugate. The assay sample and buffer are incubated together with UCN-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the UCN concentration since UCN from samples and UCN-HRP conjugate compete for the anti-UCN antibody binding site. Since the number of sites is limited, as more sites are occupied by UCN from the sample, fewer sites are left to bind UCN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The UCN concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3252877
Molecular Weight	13,458 Da
NCBI Official Full Name	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/96695>