

Chicken Urocortin ELISA Kit | UCN elisa kit

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CATALOG #
AAA96817

REACTIVITY
Chicken

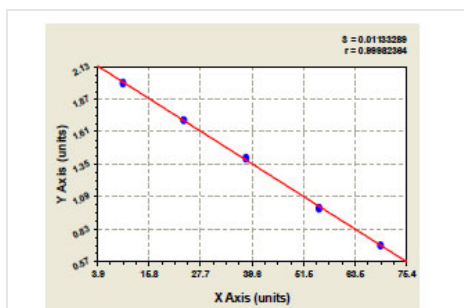
PRODUCT SYNONYMS

Urocortin; Chicken Urocortin ELISA Kit; UCN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive (Quantitative)
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



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 Chicken UCN. This ELISA kit for research use only! Principle of the Assay: UCN ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal 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.
Product Categories/Family for UCN elisa kit	Signal Transduction

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ucn-chicken-elisa-kits/urocortin/96817>