

Mouse Urocortin-3 ELISA Kit | Ucn3 elisa kit

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CATALOG #
AAA193945

REACTIVITY
Mouse

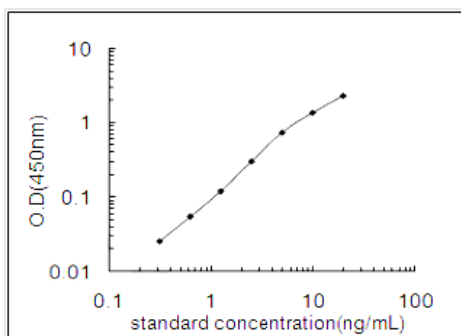
PRODUCT SYNONYMS

Urocortin-3; Mouse Urocortin-3 ELISA Kit; Urocortin III; Ucn III; Ucn3; Ucn3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Urocortin-3. No significant cross-reactivity or interference was observed.
Sequence Length	164
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.162 ng/mL
Intra-Assay CV	<=4.4%
Inter-Assay CV	<=6.8%
Recovery	106%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ucn3 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse Urocortin-3 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Urocortin-3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Urocortin-3 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Urocortin-3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Urocortin-3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21492632
NCBI GeneID	83428
NCBI Accession #	NP_112540.2
NCBI GenBank Nucleotide #	NM_031250.5
UniProt Accession #	Q924A4
Molecular Weight	18,063 Da
NCBI Official Full Name	urocortin-3
NCBI Official Synonym Full Names	urocortin 3
NCBI Official Symbol	Ucn3
NCBI Protein Information	urocortin-3
UniProt Protein Name	Urocortin-3
UniProt Gene Name	Ucn3
UniProt Synonym Gene Names	Ucn III
UniProt Entry Name	UCN3_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.