

Rat Urocortin 3 (UCN3) ELISA Kit | UCN3 elisa kit

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CATALOG #
AAA64990

REACTIVITY
Rat

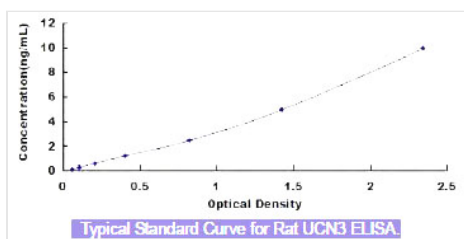
PRODUCT SYNONYMS

Urocortin 3 (UCN3); Rat Urocortin 3 (UCN3) ELISA Kit; SCP; SPC; UCNIII; Stresscopin; UCN3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of UCN3. No significant cross-reactivity or interference between UCN3 and analogues was observed.
Sequence Length	164
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.056ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level UCN3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level UCN3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UCN3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of UCN3 in rat serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to UCN3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to UCN3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain UCN3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of UCN3 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 #	122427915
NCBI GeneID	498791
NCBI Accession #	NP_001073677.1
NCBI GenBank Nucleotide #	NM_001080208.1
UniProt Accession #	A1YKY5
Molecular Weight	18,317 Da
NCBI Official Full Name	urocortin-3
NCBI Official Synonym Full Names	urocortin 3
NCBI Official Symbol	Ucn3
NCBI Official Synonym Symbols	RGD1562213
NCBI Protein Information	urocortin-3
UniProt Protein Name	RCG55748
UniProt Gene Name	Ucn3

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.