

Mouse Urocortin-2 (UCN2) ELISA Kit | UCN2 elisa kit

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CATALOG #
AAA332055

REACTIVITY
Mouse

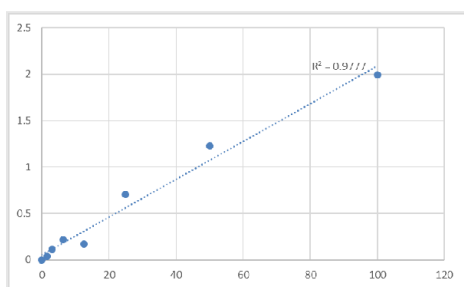
PRODUCT SYNONYMS

Urocortin-2 (UCN2); Mouse Urocortin-2 (UCN2) ELISA Kit; UCN2; SRP; UCN-II; UCN1; UR; URP; stresscopin-related peptide; urocortin; urocortin-related peptide; UCN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Urocortin-2 (UCN2) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse UCN2. No significant cross-reactivity or interference between Mouse UCN2 and analogues was observed.
Sequence Length	113
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse Urocortin-2 (UCN2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for UCN2 elisa kit	Description: This Mouse Urocortin-2 (UCN2) ELISA Kit employs a two-site sandwich ELISA to quantitate UCN2 in samples. An antibody specific for UCN2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any UCN2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for UCN2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of UCN2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Urocortin-2 is a member of the sauvagine/corticotropin-releasing factor/urotensin I family. It is structurally related to the corticotropin-releasing factor (CRF) gene and the encoded product is an endogenous ligand for CRF type 2 receptors. In the brain it may be responsible for the effects of stress on appetite. In spite of the gene family name similarity, the product of this gene has no sequence similarity to urotensin II. Urocortin (UCN) II is a 38 amino acid member of the mammalian corticotropin-releasing hormone (CRH) peptide family, which also includes CRH, UCN I, and UCN III. CRH mainly binds to type 1 CRH receptors (CRH1), while UCN II and III bind primarily to type 2 CRH receptors, and UCN I binds to both (CRH2).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	254675176
NCBI GeneID	171530
NCBI Accession #	NP_659543.1
NCBI GenBank Nucleotide #	NP_659543.1
UniProt Accession #	Q99ML8
NCBI Official Full Name	urocortin-2 preproprotein
NCBI Official Synonym Full Names	urocortin 2
NCBI Official Symbol	Ucn2
NCBI Official Synonym Symbols	Ucn-2; Ucn II; ucn-II
NCBI Protein Information	urocortin-2
UniProt Protein Name	Urocortin-2
UniProt Gene Name	Ucn2
UniProt Synonym Gene Names	Ucn II

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.