

Human Urotensin 2 ELISA Kit | U-II elisa kit

Human Urotensin 2 ELISA Kit

CATALOG #
AAA17488

REACTIVITY
Human

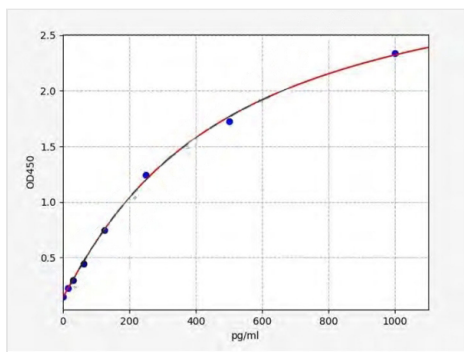
PRODUCT SYNONYMS

Urotensin 2; Human Urotensin 2 ELISA Kit; U-II (Urotensin 2)/UII/Urotensin II; U-II elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of U-II. No significant cross-reactivity or interference between U-II and analogues was observed.
Sequence Length	124
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for U-II elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5803209
NCBI GeneID	10911
NCBI Accession #	NP_006777.1
NCBI GenBank Nucleotide #	NM_006786.3
Molecular Weight	16,029 Da
NCBI Official Full Name	urotensin-2 isoform b preproprotein
NCBI Official Synonym Full Names	urotensin 2
NCBI Official Symbol	UTS2
NCBI Official Synonym Symbols	UII; U-II; UCN2; PRO1068
NCBI Protein Information	urotensin-2
UniProt Protein Name	Urotensin-2
UniProt Gene Name	UTS2
UniProt Synonym Gene Names	U-II; UII
UniProt Entry Name	UTS2_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.