

Human urotensin 2 ELISA Kit | UTS2 elisa kit

Human Urotensin II ELISA Kit

CATALOG #
AAA80135

REACTIVITY
Human

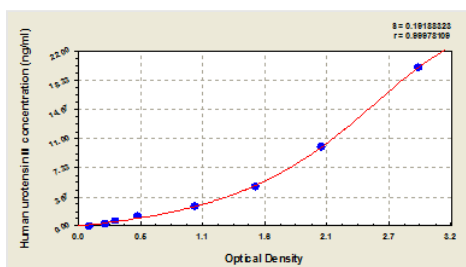
PRODUCT SYNONYMS

urotensin 2; Human Urotensin II ELISA Kit; Human Urotensin II ELISA kit; PRO1068; U-II; UCN2; UII; ; UTS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human urotensinII. No significant cross-reactivity or interference between human urotensinII and analogues was observed.
Sequence Length	124
Samples	Serum, saliva, cerebrospinal fluid (CSF), tissue homogenates
Assay Type	Sandwich
Detection Range	0.312ng/ml-20ng/ml.
Sensitivity	The minimum detectable dose of human urotensinII is typically less than 0.078ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UTS2 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for urotensinII has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any urotensinII present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for urotensinII is added to the wells. After washing, avidin 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 urotensinII bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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
UniProt Accession #	O95399; Q5H8X7; Q6UXF6; Q9UKP7
Molecular Weight	14,296 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; prepro U-II; urotensin II
UniProt Protein Name	Urotensin-2
UniProt Gene Name	UTS2
UniProt Synonym Gene Names	UNQ525/PRO1068; 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.

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Online datasheet: <https://stage.aaabiotech.com/uts2-human-elisa-kits/urotensin-2/80135>