

Human Urotensin II ELISA Kit | U II elisa kit

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CATALOG #
AAA87455

REACTIVITY
Human

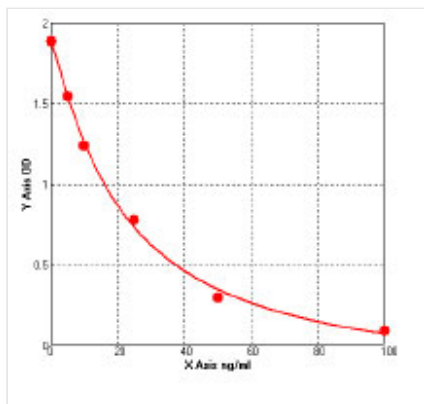
PRODUCT SYNONYMS

Urotensin II; Human Urotensin II ELISA Kit; U II elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	123
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for U II elisa kit	Intended Uses: This TYRO3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit TYRO3. This ELISA kit for research use only! Principle of the Assay: TYRO3 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-TYRO3 antibody and an TYRO3-HRP conjugate. The assay sample and buffer are incubated together with TYRO3-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TYRO3 concentration since TYRO3 from samples and TYRO3-HRP conjugate compete for the anti-TYRO3 antibody binding site. Since the number of sites is limited, as more sites are occupied by TYRO3 from the sample, fewer sites are left to bind TYRO3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TYRO3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for U II elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	9507227
NCBI GeneID	29180
NCBI Accession #	NP_062033.1
NCBI GenBank Nucleotide #	NM_019160.2
UniProt Accession #	Q9QZQ4
Molecular Weight	13,614 Da
NCBI Official Full Name	urotensin-2
NCBI Official Synonym Full Names	urotensin 2
NCBI Official Symbol	Uts2
NCBI Official Synonym Symbols	Ucn2
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_RAT

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.