

Guinea Pig Urotensin II ELISA Kit | U-II elisa kit

Guinea pig Urotensin II ELISA Kit

CATALOG #
AAA90065

REACTIVITY
Guinea Pig

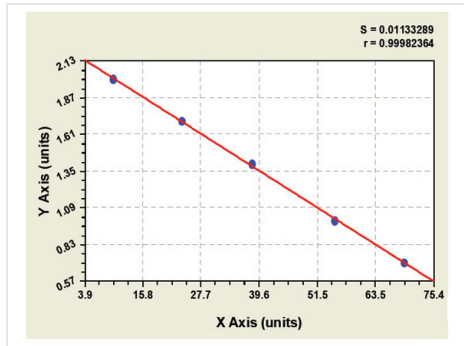
PRODUCT SYNONYMS

Urotensin II; Guinea pig Urotensin II ELISA Kit; U-II elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Sequence Length	123
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/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	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This U-II ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig U-II. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY U-II ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-U-II antibody and an U-II-HRP conjugate. The assay sample and buffer are incubated together with U-II-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 U-II concentration since U-II from samples and U-II-HRP conjugate compete for the anti-U-II antibody binding site. Since the number of sites is limited, as more sites are occupied by U-II from the sample, fewer sites are left to bind U-II-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The U-II 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/u-ii-guinea-pig-pig-elisa-kits/urotensin-ii/90065>