

Rat Urotensin-2, UTS2 ELISA Kit | UTS2 elisa kit

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CATALOG #
AAA123410

REACTIVITY
Rat

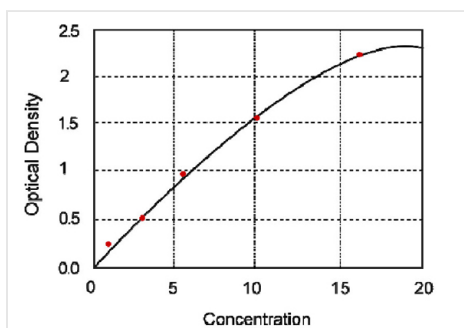
PRODUCT SYNONYMS

Urotensin-2; UTS2; Rat Urotensin-2; UTS2 ELISA Kit; UTS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	386
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.2-70ng/mL
Sensitivity	0.091ng/mL
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UTS2 elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat UTS2 antibody. UTS2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat UTS2 Antibody is added and binds to UTS2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated UTS2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat UTS2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Urotensin-2 (also known as UTS2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10120496
NCBI GeneID	57305
NCBI GenBank Nucleotide #	NP_065412.1
UniProt Accession #	P49684
NCBI Official Full Name	urotensin-2 receptor
NCBI Official Synonym Full Names	urotensin 2 receptor
NCBI Official Symbol	Uts2r
NCBI Official Synonym Symbols	Senr; Gpr14; UR-2-R
NCBI Protein Information	urotensin-2 receptor
UniProt Protein Name	Urotensin-2 receptor
UniProt Gene Name	Uts2r
UniProt Synonym Gene Names	Gpr14; Senr; UR-2-R; SENR; UR-II-R

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/rat-elisa-kits/urotensin-2-uts2/123410>