

Human Urotensin-2B ELISA Kit | UTS2D elisa kit

Human Urotensin-2B ELISA Kit

CATALOG #
AAA97823

REACTIVITY
Human

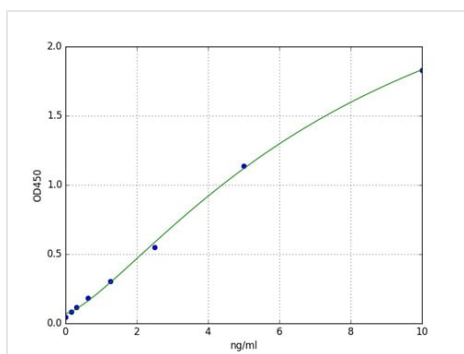
PRODUCT SYNONYMS

Urotensin-2B; Human Urotensin-2B ELISA Kit; UTS2D/Urotensin-2B/Urotensin-2 domain-containing protein/Urotensin II-related peptide/Urotensin IIB/U-IIB/UIIB; UTS2D elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	119
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a UTS2D ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.054	0.105	0.159	0.225	0.378	0.668	1.198	2.153

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UTS2D elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-UTS2D antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-UTS2D antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 UTS2D amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of UTS2D can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	209571515
NCBI GeneID	257313
NCBI Accession #	NP_937795.2
NCBI GenBank Nucleotide #	NM_198152.3
Molecular Weight	13,749 Da
NCBI Official Full Name	urotensin-2B
NCBI Official Synonym Full Names	urotensin 2B
NCBI Official Symbol	UTS2B
NCBI Official Synonym Symbols	U2B; URP; UTS2D
NCBI Protein Information	urotensin-2B
UniProt Protein Name	Urotensin-2B
UniProt Gene Name	UTS2B
UniProt Synonym Gene Names	URP; UTS2D; U-IIB; UIIB
UniProt Entry Name	UTS2B_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/uts2d-human-elisa-kits/urotensin-2b/97823>