

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

Rat Urotensin-2 (UTS2) ELISA Kit

|                              |                          |
|------------------------------|--------------------------|
| CATALOG #<br><b>AAA55911</b> | REACTIVITY<br><b>Rat</b> |
|------------------------------|--------------------------|

### PRODUCT SYNONYMS

Urotensin-2; Rat Urotensin-2 (UTS2) ELISA Kit; PRO1068; U-II; UCN2; Ull; UTS2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                                                                  |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Rat Testosterone. No significant cross-reactivity or interference between Rat Testosterone and analogues was observed.    |
| Sequence Length         | 139                                                                                                                                                                                                  |
| Samples                 | Serum, Plasma And Other Biological Fluids                                                                                                                                                            |
| Assay Type              | Quantitative Competitive                                                                                                                                                                             |
| Detection Range         | 0.125 ng/mL-25 ng/mL                                                                                                                                                                                 |
| Sensitivity             | 0.04 ng/mL (mean of 6 independent assays).                                                                                                                                                           |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12% |
| Preparation and Storage | Store at 2-8 degree C.                                                                                                                                                                               |

### ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for UTS2 elisa kit | <p>Intended Uses: For the quantitative detection of Rat Testosterone (T) concentration in serum, plasma and other biological fluids.</p> <p>Principle of the Assay: This assay employs the competitive enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for Testosterone and Horseradish Peroxidase (HRP) conjugated Testosterone. The competitive inhibition reaction is launched between with HRP labeled Testosterone and unlabeled Testosterone with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of Testosterone in the sample. The color development is stopped and the intensity of the color is measured.</p> |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                           |             |
|---------------------------|-------------|
| NCBI GI #                 | 9507227     |
| NCBI GeneID               | 29180       |
| NCBI Accession #          | NP_062033.1 |
| NCBI GenBank Nucleotide # | NM_019160.2 |
| UniProt Accession #       | Q9QZQ4      |

|                                         |             |
|-----------------------------------------|-------------|
| <b>Molecular Weight</b>                 | 13,614 Da   |
| <b>NCBI Official Full Name</b>          | urotensin-2 |
| <b>NCBI Official Synonym Full Names</b> | urotensin 2 |
| <b>NCBI Official Symbol</b>             | Uts2        |
| <b>NCBI Official Synonym Symbols</b>    | Ucn2        |
| <b>NCBI Protein Information</b>         | urotensin-2 |
| <b>UniProt Protein Name</b>             | Urotensin-2 |
| <b>UniProt Gene Name</b>                | <b>Uts2</b> |
| <b>UniProt Synonym Gene Names</b>       | U-II; UII   |

**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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/uts2-rat-elisa-kits/urotensin-2/55911>