

## Rat Testosterone, T ELISA Kit | T elisa kit

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CATALOG #  
**AAA15270**

REACTIVITY  
**Rat**

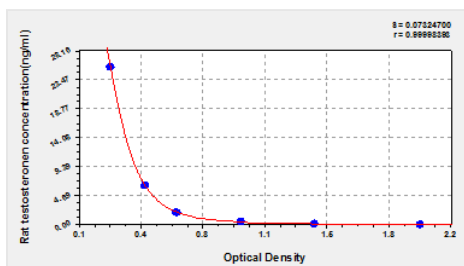
### PRODUCT SYNONYMS

Testosterone; T; Rat Testosterone; T ELISA Kit; T 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. |
| Assay Type              | Competitive                                                                                                                                                                                       |
| Samples                 | Serum, plasma, cell culture supernates, tissue homogenates                                                                                                                                        |
| Detection Range         | 0.13 ng/ml-25.6 ng/ml                                                                                                                                                                             |
| Sensitivity             | < 0.06 ng/ml                                                                                                                                                                                      |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV%<15%. Three positive samples were tested twenty times on one plate to assess.                                                               |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<15%. Three positive samples were tested in twenty assays to assess.                                                                         |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                                                 |

### IMAGES



### ADDITIONAL INFORMATION

#### Related Product Information for T elisa kit

Principle of the Assay: This assay employs the competitive inhibition 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.

**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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