

Rat Testosterone ELISA Kit

Rat Testosterone, T ELISA Kit

CATALOG #
AAA309853

REACTIVITY
Rat

PRODUCT SYNONYMS

Testosterone; Rat Testosterone; T ELISA Kit; T; Testosterone 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.
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Quantitative Competitive
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 samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Store at 4 degree C

ADDITIONAL INFORMATION

Related Product Information for Testosterone 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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Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/testosterone/309853>