

Rat T (Testosterone) ELISA Kit

QuickKey Pro Rat T (Testosterone) ELISA Kit

CATALOG #
AAA177902

REACTIVITY
Rat

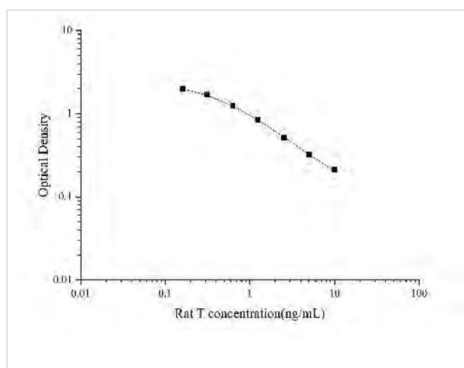
PRODUCT SYNONYMS

T (Testosterone); QuickKey Pro Rat T (Testosterone) ELISA Kit; Testosterone; T; T (Testosterone) elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes T in Rat samples. No significant crossreactivity or interference between Rat T and analogues was observed
Assay Type	Quantitative Competitive
Samples	Rat serum and plasma samples
Detection Range	0.16-10 ng/mL
Sensitivity	0.07 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Rat T were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Rat T were tested on 3 different plates, 20 replicates in each plate, respectively
Preparation and Storage	An unopened kit can be stored at 2-8° for 6 months. After test, the unused wells and reagents should be stored according to the table/manual.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for T (Testosterone) elisa kit	Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Rat T. Samples (or Standards) and Horseradish Peroxidase (HRP) linked antibody specific for Rat T are added to the micro ELISA plate wells. Rat T in samples (or standards) competes with a fixed amount of T on the solid phase supporter for sites on the HRP linked detection antibody specific to T. Excess conjugate and unbound sample or standard are washed from the plate. The substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450±2 nm. The concentration of Rat T in the samples is then determined by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of T concentrations in Rat serum and plasma samples. Please contact tech-support for other sample type detection.
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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/t-testosterone/177902>