

Goat Testosterone (T) ELISA Kit | T elisa kit

Goat Testosterone, T ELISA Kit

CATALOG #
AAA80001

REACTIVITY
Goat

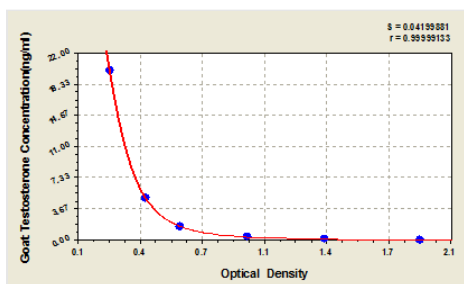
PRODUCT SYNONYMS

Testosterone (T); Goat Testosterone; T ELISA Kit; Goat Testosterone (T) ELISA kit; Goat Testosterone (T); T elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Specificity	This assay has high sensitivity and excellent specificity for detection of goat testosterone. No significant cross-reactivity or interference between goat testosterone and analogues was observed.
Samples	Serum, plasma
Assay Type	Competitive
Detection Range	0.1 ng/ml -20 ng/ml.
Sensitivity	The minimum detectable dose of goat testosterone is typically less than 0.05 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest goat testosterone concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

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.
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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/goat-elisa-kits/testosterone-t/80001>