

Human Testosterone (T) ELISA Kit

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CATALOG #
AAA330662

REACTIVITY
Human

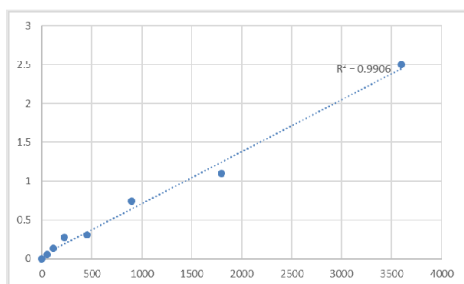
PRODUCT SYNONYMS

Testosterone (T); Human Testosterone (T) ELISA Kit; T; RP11-459F1.1; MGC104817; TFT; OTTHUMP00000017588; T brachyury homolog; T brachyury-like; transcription factor T; Testosterone (T) elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Testosterone (T) ELISA Kit has high sensitivity and excellent specificity for detection of Human T. No significant cross-reactivity or interference between Human T and analogues was observed.
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Testosterone (T) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for Testosterone (T) elisa kit	Description: This Human Testosterone (T) ELISA Kit employs a two-site sandwich ELISA to quantitate T in samples. An antibody specific for T has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any T present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for T is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of T bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Testosterone is the primary male sex hormone and an anabolic steroid. In men, testosterone plays a key role in the development of male reproductive tissues such as the testis and prostate, as well as promoting secondary sexual characteristics such as increased muscle and bone mass, and the growth of body hair. In addition, testosterone is involved in health and well-being, and the prevention of osteoporosis. Insufficient levels of testosterone in men may lead to abnormalities including frailty and bone loss.
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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/human-elisa-kits/testosterone-t/330662>