

Human Testosterone ELISA Kit

Testosterone ELISA

CATALOG #
AAA72603

REACTIVITY
Human

PRODUCT SYNONYMS

Testosterone; Testosterone ELISA; Testosterone elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The following substances were tested for cross-reactivity of the assay
Assay Type	Quantitative Competitive
Samples	Serum and plasma
Detection Range	0.083 -16 ng/ml
Preparation and Storage	2 - 8 degree C

ADDITIONAL INFORMATION

Related Product Information for Testosterone elisa kit	Principle of the Assay: Testosterone ELISA Kit is a solid phase enzyme-linked immunosorbent assay (ELISA) based on the principle of competitive binding. The microtiter wells are coated with a monoclonal (mouse) antibody directed towards a unique antigenic site of the testosterone molecule. During the first incubation, the testosterone in the added sample competes with the added enzyme conjugate, which is testosterone conjugated to horseradish peroxidase, for binding to the coated antibody. After a washing step to remove all unbound substances, the solid phase is incubated with the substrate solution. The colorimetric reaction is stopped by addition of stop solution, and optical density (OD) of the resulting yellow product is measured. The intensity of color is inversely proportional to the concentration of the analyte in the sample. A standard curve is constructed by plotting OD values against concentrations of standards, and concentrations of unknown samples are determined using this standard curve. Intended Uses: Testosterone ELISA is an enzyme immunoassay for the quantitative measurement of Testosterone in serum and plasma (EDTA, lithium heparin or citrate plasma).
Product Categories/Family for Testosterone elisa kit	Endocrinology; Hormones; Oncology; Assay Categories

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/human-elisa-kits/testosterone/72603>