

Human Testosterone ELISA Kit

Testosterone Free ELISA

CATALOG #
AAA72599

REACTIVITY
Human

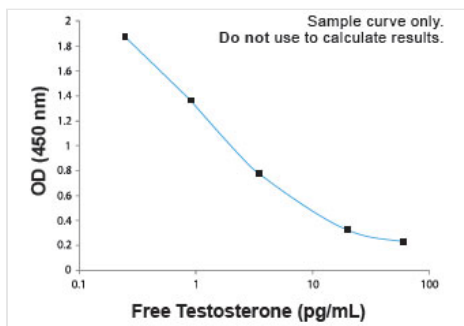
PRODUCT SYNONYMS

Testosterone; Testosterone Free ELISA; Testosterone elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The following compounds were tested for cross-reactivity with the Direct Free Testosterone ELISA kit with testosterone crossreacting at 100%.
Samples	Human serum
Assay Type	Quantitative Competitive
Sensitivity	0.018 pg/mL
Intra-assay Precision	Five samples were assayed 24 times each on the same calibrator curve. The results (in pg/mL) are tabulated below
Inter-assay Precision	Three samples were assayed twenty times in duplicate over a period of greater than ten days. The results (in pg/mL) are tabulated below
Preparation and Storage	2 - 8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Testosterone elisa kit	Intended Uses: For the direct quantitative determination of Free Testosterone by an enzyme immunoassay in human serum. Principle of the Assay: The principle of the following enzyme immunoassay test follows the typical competitive binding scenario. Competition occurs between an unlabelled antigen (present in standards, controls and patient samples) and an enzyme-labelled antigen (conjugate) for a limited number of antibody binding sites on the microplate. The washing and decanting procedures remove unbound materials. After the washing step, the enzyme substrate is added. The enzymatic reaction is terminated by addition of the stopping solution. The absorbance is measured on a microtiter plate reader. The intensity of the colour formed is inversely proportional to the concentration of free testosterone in the sample. A set of standards is used to plot a standard curve from which the amount of free testosterone in patient samples and controls can be directly read. The free testosterone kit utilizes a highly specific rabbit antitestosterone polyclonal antibody at a low binding capacity (K_{eq} x concentration) to keep minimum disturbances of the testosterone-protein equilibrium. The other components in the test system are also optimized in order to not alter the original free testosterone concentration.
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/testosterone/72599>