Testosterone high sensitivity ELISA kit

A highly sensitive competitive immunoassay for the measurement of Testosterone in human serum and plasma samples.

A highly sensitive competitive immunoassay for the measurement of Testosterone in human serum and plasma samples. Results are read on a colorimetric plate reader at 405 nm.

Testosterone is one of the most important androgens secreted into the bloodstream and is synthesized from pregnenolone which is itself formed from cholesterol. Testosterone is the main androgen secreted by the Leydig cells of the testes and effects both primary and secondary sexual development such as muscle mass and sex drive. In adult humans, testosterone circulates in plasma predominately bound to proteins, including specific sex hormone binding globulin (SHBG) and nonspecific proteins such as albumin.

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Ordering Information

Order Online »

ADI-900-176	96 wells

Manuals, SDS & CofA

View Online »

- Excellent sensitivity
- Validated for use with human samples
- Stable color-coded reagents reduce errors

Handling & Storage

Short Term Storage	+4°C
Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	Colorimetric detection, ELISA
Application Notes	For the quantitative determination of human testosterone in plasma, serum, and urine samples.
Assay Time	3 hours
Compatibility	This product is compatible with the **Absorbance 96 Plate Reader**.
Contents	GxM Microtiter plate, Assay buffer, Standard, Antibody, Conjugate, Wash buffer concentrate, pNpp Substrate, Stop solution
Sensitivity	2.6 pg/ml (range 3.9 – 1000 pg/ml)
Species Reactivity	Human
Wavelength	405 nm

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