

CATALOG# 80961

DIHYDROTESTOSTERONE (DHT) ELISA KIT

Catalog number

Dihydrotestosterone (DHT) ELISA Kit.....80961

Intended use

This is a highly sensitive assay used to quantify levels of human DHT in serum.

Test principle

Crystal Chem's Dihydrotestosterone ELISA kit is a competitive ELISA for dihydrotestosterone. It utilizes a specific monoclonal antibody immobilized onto microplate wells and a labeled antigen conjugated with HRP.

Specifications

Sample Types	Serum
Assay Time	2 hours
Range	25 - 2500 pg/mL
Sample Size	50 µL
Sensitivity	10 pg/mL
Precision	CV < 10%

Specificity

Dihydrotestosterone.....	100%
Testosterone.....	8.7%
5 β -Dihydrotestosterone.....	2.0%
Androstanedione.....	0.2%

Highlights

- ✓ Kits use only 50 µL sample
- ✓ Very sensitive (10 pg/mL)
- ✓ Wide dynamic range (25-2500 pg/mL)

Summary of protocol

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Add 50 µL sample and 100 µL HRP conjugate
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Incubate 1.5 hours at room temperature
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Wash plate
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Add 150 µL substrate solution
↓
Incubate 30 mins at room temperature
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Add 50 µL stop solution
↓
Measure OD at 450/630 nm

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See kit insert or email us for a complete protocol

