

Product Datasheet

General Dihydrotestosterone (DHT) ELISA Kit (orb781816)

Catalog Number	orb781816
Category	Assays and Kits
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Dihydrotestosterone(DHT) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dihydrotestosterone(DHT).
Reactivity	All
Concentration	2500 pg/mL
Tested applications	ELISA
Application notes	standard: 2500 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with DHT protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to DHT. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of DHT in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Competitive
Assay Time	2.5h
Range	39.07-2500 pg/mL
Sensitivity	13.7 pg/mL

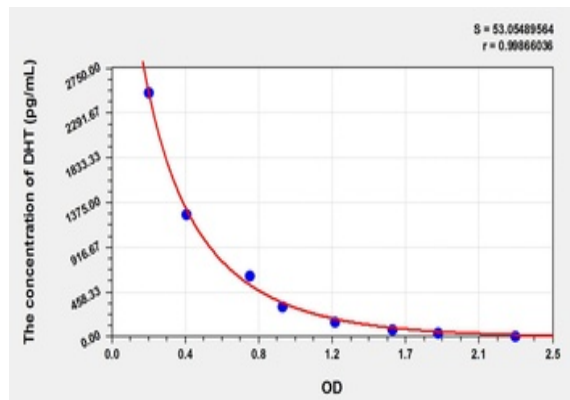
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Sample Types	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Note	For research use only
Expiration Date	Please enquire.

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