

Product Datasheet

Rat Dihydrotestosterone (DHT) ELISA Kit (orb782241)

Catalog Number	orb782241
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	Rat
Range	39.07-2500 pg/mL
Tested Applications	ELISA
Concentration	2500 pg/mL
Note	For research use only
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 Rat DHT protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat DHT in the samples is then determined by comparing the OD of the samples to the standard curve
Sample Types	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Time	2.5h
Sensitivity	13 pg/mL

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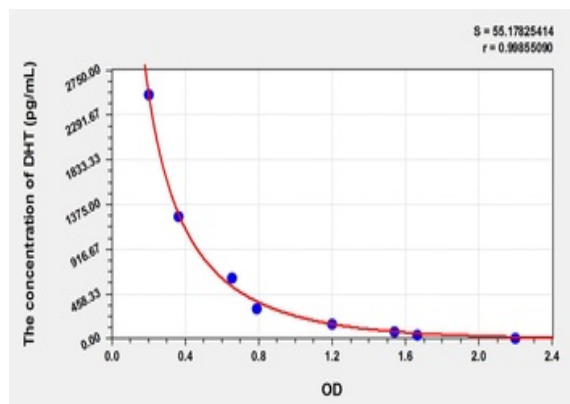
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Expiration Date

Please enquire.



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