

Product Datasheet

General Cortisol (Cor) ELISA Kit (orb1806542)

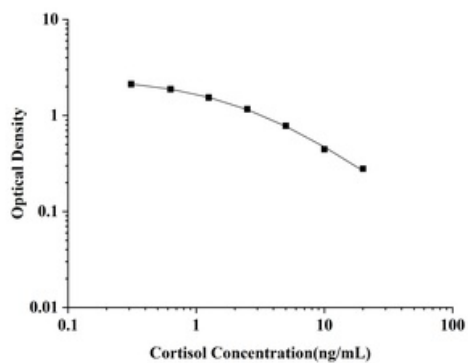
Catalog Number	orb1806542
Category	Assays and Kits
Description	General Cortisol (Cor) ELISA Kit
Target	Cor
Reactivity	All
Application notes	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Cortisol(Cor) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cortisol(Cor). 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 Cortisol(Cor) in the samples is then determined by comparing the OD of the samples to the standard curve.
Assay Type	Competitive
Assay Time	1.5H
Standard	20ng/mL
Range	0.31-20ng/mL
Sensitivity	0.19 ng/mL
Sample Types	serum, plasma, urine and other biological fluids
Note	For research use only
Expiration Date	Please enquire.

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