

Product Datasheet

General Estrone Sulfate (E1S) ELISA Kit (orb781765)

Catalog Number	orb781765
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 Estrone Sulfate(E1S) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Estrone Sulfate(E1S).
Reactivity	All
Concentration	100 ng/mL
Tested applications	ELISA
Application notes	standard: 100 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with E1S protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to E1S. 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 E1S 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	1.57-100 ng/mL
Sensitivity	0.51 ng/mL

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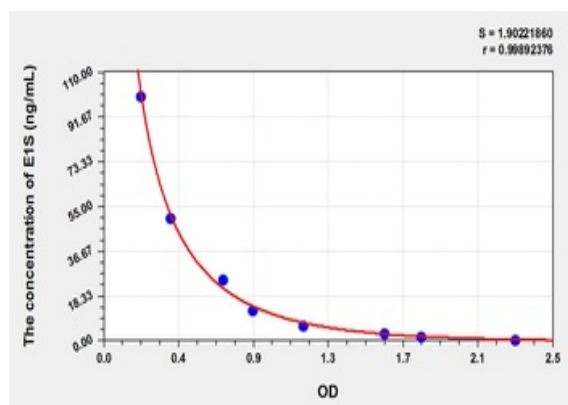
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Sample Types Serum, plasma and other biological fluids.

Note For research use only

Expiration Date Please enquire.

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