

Product Datasheet

General Epinephrine (EPI) ELISA Kit (orb781717)

Catalog Number	orb781717
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 Epinephrine(EPI) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Epinephrine(EPI).
Reactivity	All
Concentration	2000 pg/mL
Tested applications	ELISA
Application notes	standard: 2000 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 EPI protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to EPI. 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 EPI 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	31.25-2000 pg/mL
Sensitivity	10.17 pg/mL
Sample Types	serum, plasma, cell lysates, cell culture supernates and other biological fluids

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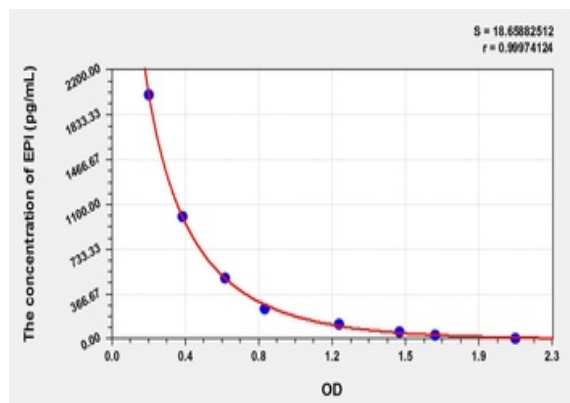
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Note For research use only

Expiration Date Please enquire.

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