

Product Datasheet

General Adenosine Triphosphate (ATP) ELISA Kit (orb781738)

Catalog Number	orb781738
Category	Assays and Kits
Description	General Adenosine Triphosphate (ATP) ELISA Kit
Target	ATP
Reactivity	All
Concentration	1000 ng/mL
Tested applications	ELISA
Application notes	<p>This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with ATP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to ATP. 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 ATP in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Assay Type	Competitive
Assay Time	2h
Standard	1000 ng/mL
Range	15.63-1000 ng/mL

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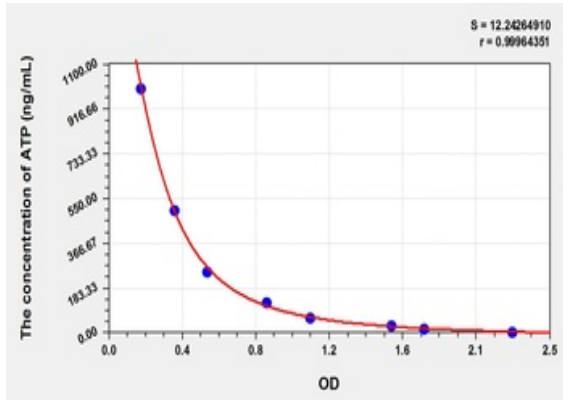
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Sensitivity	5.18 ng/mL
Sample Types	serum, plasma, cell lysates, cell culture supernates and other biological fluids
Note	For research use only
Expiration Date	Please enquire.



Standard curve for orb781738 ELISA kit.

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