

Product Datasheet

Mouse PRKAa1(Protein Kinase, AMP Activated Alpha 1) Microsample ELISA Kit (orb2998149)

Catalog Number	orb2998149
Category	Assays and Kits
Description	Mouse PRKAa1(Protein Kinase, AMP Activated Alpha 1) Microsample ELISA Kit
Reactivity	Mouse
UniProt ID	Q5EG47
Application notes	<p>The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse PRKAa1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse PRKAa1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mouse PRKAa1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 Mouse PRKAa1 in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Assay Type	Sandwich
Assay Time	3.5h
Range	1.57-100 ng/mL
Sensitivity	0.68 ng/mL
Sample Types	Tissue homogenates, cell lysates and other biological fluids

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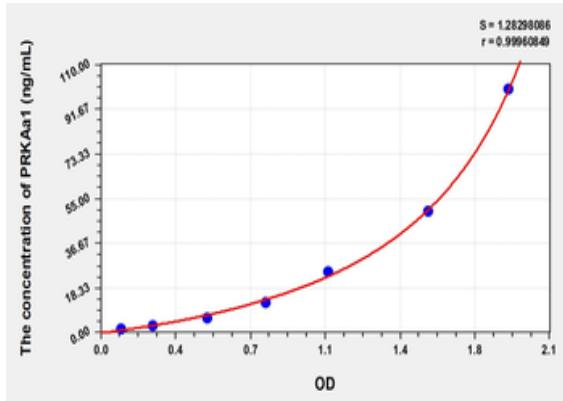
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Note For research use only

Expiration Date 6 months from date of receipt.



Standard curve for orb2998149 ELISA kit.

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