

Product Datasheet

Mouse Protein Kinase, cGMP Dependent Type II (PRKG2) ELISA Kit (orb781174)

Catalog Number	orb781174
Category	Assays and Kits
Description	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 Protein Kinase, cGMP Dependent Type II (PRKG2).
Reactivity	Mouse
Concentration	200 ng/mL
UniProt ID	Q61410
Tested applications	ELISA
Application notes	standard: 200 ng/mL. Test principle: 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 PRKG2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse PRKG2. 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 PRKG2, 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 PRKG2 in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Sandwich
Assay Time	3.5h

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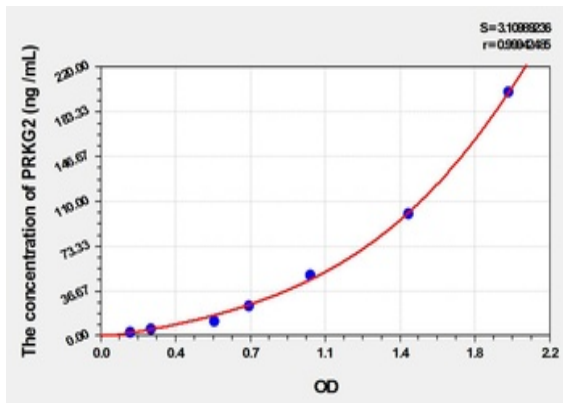
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Range	3.13-200 ng/mL
Sensitivity	1.33 ng/mL
Sample Types	Tissue homogenates, cell lysates and other biological fluids.
Note	For research use only
Expiration Date	Please enquire.



Standard curve for orb781174 ELISA kit.

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