Product Datasheet

Mouse Interleukin 1 Receptor Accessory Protein (IL1RAP) ELISA Kit (orb780021)

Catalog Number	orb780021
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 Interleukin 1 Receptor Accessory Protein(IL1RAP).
Reactivity	Mouse
Concentration	2000 pg/mL
UniProt ID	**Q61730**
Tested applications	ELISA
Application notes	standard: 2000 pg/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 IL1RAP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse IL1RAP. 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 IL1RAP, 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 ± 10nm. The concentration of Mouse IL1RAP 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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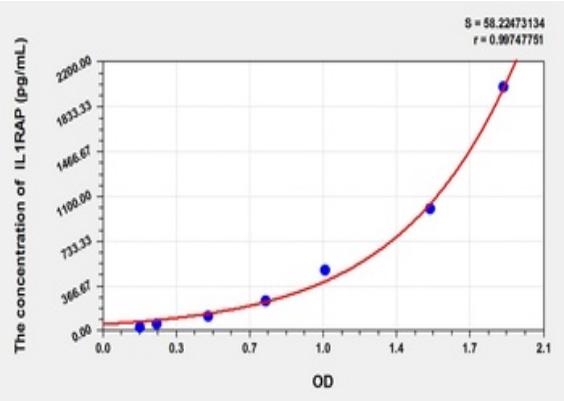
Range	31.25-2000 pg/mL
Sensitivity	12.7 pg/mL
Sample Types	Serum, plasma, tissue homogenates and other biological fluids
Note	For research use only
Expiration Date	Please enquire.



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