

Product Datasheet

Rat pro interleukin 1 beta (pro-IL1b) Microsample ELISA Kit (orb2997486)

Catalog Number	orb2997486
Category	Assays and Kits
Description	Rat pro interleukin 1 beta (pro-IL1b) Microsample ELISA Kit
Reactivity	Rat
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 Rat pro-IL1b. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat pro-IL1b. 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 Rat pro-IL1b, 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 Rat pro-IL1b 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	62.5-4000 pg/mL
Sensitivity	16.7 pg/mL
Sample Types	serum, plasma, tissue homogenates, cell lysates and other biological fluids
Note	For research use only

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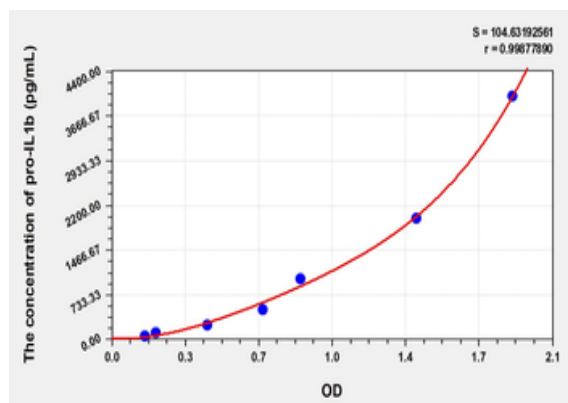
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Expiration Date 6 months from date of receipt.

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