

Product Datasheet

Human Interleukin 1 Beta (IL-1 β) Microsample Fast ELISA Kit (orb1806721)

Catalog Number orb1806721

Category Assays and Kits

Description Human Interleukin 1 Beta (IL-1 β) Microsample Fast ELISA Kit

Target IL-1 β

Reactivity Human

Form/Appearance Ready to use

UniProt ID **P01584**

Application notes This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human IL-1 β . Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human IL-1 β and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human IL-1 β , biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The OD value is proportional to the concentration of Human IL-1 β . You can calculate the concentration of Human IL-1 β in the samples by comparing the OD of the samples to the standard curve.

Assay Type Sandwich

Assay Time 3H

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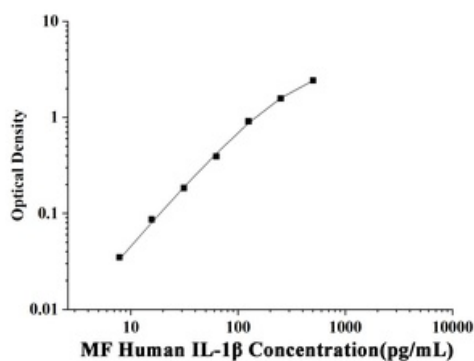
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Standard	500pg/mL
Range	7.82-500pg/mL
Sensitivity	4.69 pg/mL
Sample Types	serum, plasma, Tissue homogenate and Other biological samples□Sample volume□25μL
Note	For research use only
Expiration Date	6 months from date of receipt.



Standard curve for orb1806721 ELISA kit.

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