

Product Datasheet

Mouse Interleukin 18 (IL-18) ELISA Kit (orb1807902)

Catalog Number orb1807902

Category Assays and Kits

Description Mouse Interleukin 18 (IL-18) ELISA Kit

Target IL-18

Reactivity Mouse

UniProt ID **P70380**

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 Mouse IL-18. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse IL-18 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 Mouse IL-18, 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 $450 \text{ nm} \pm 2 \text{ nm}$. The OD value is proportional to the concentration of Mouse IL-18. You can calculate the concentration of Mouse IL-18 in the samples by comparing the OD of the samples to the standard curve.

Assay Type Sandwich

Assay Time 3.5H

Standard 1000pg/mL

Biorbyt Ltd.

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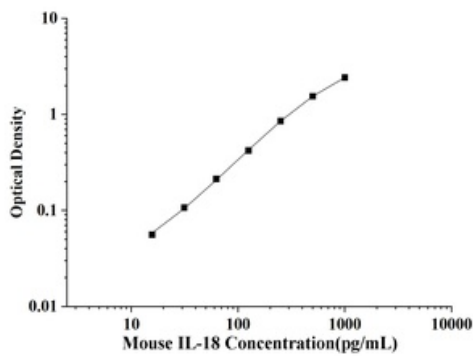
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Range	15.63-1000pg/mL
Sensitivity	9.38 pg/mL
Sample Types	serum, plasma, Tissue homogenate and Other biological samples
Note	For research use only
Expiration Date	6 months from date of receipt.

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