

Product Datasheet

Mouse Integrin Beta 3 (ITGB3) ELISA Kit (orb1948297)

Catalog Number orb1948297

Category Assays and Kits

Description Mouse Integrin Beta 3 (ITGB3) ELISA Kit

Target ITGB3

Reactivity Mouse

UniProt ID **O54890**

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 ITGB3. 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 ITGB3 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 ITGB3, 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 ITGB3. You can calculate the concentration of Mouse ITGB3 in the samples by comparing the OD of the samples to the standard curve.

Assay Type Sandwich

Assay Time 3.5H

Standard 2000pg/mL

Biorbyt Ltd.

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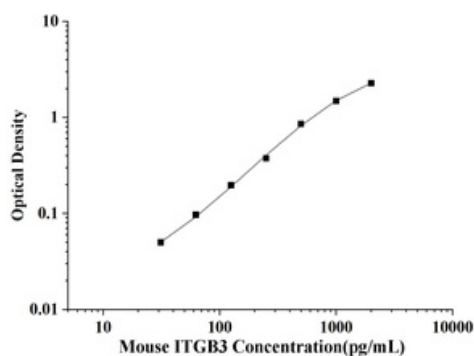
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Range	31.25-2000pg/mL
Sensitivity	18.75 pg/mL
Sample Types	serum, plasma, Tissue homogenate and Cell lysate
Note	For research use only
Expiration Date	6 months from date of receipt.

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