

Product Datasheet

Human SEMA3A(Semaphorin 3A) ELISA Kit (orb1807218)

Description

Human SEMA3A(Semaphorin 3A) ELISA Kit

Reactivity

Human

Range

0.16-10 ng/mL

Target

SEMA3A

Note

For research use only

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 SEMA3A. 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 SEMA3A 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 SEMA3A, 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 Human SEMA3A. You can calculate the concentration of Human SEMA3A in the samples by comparing the OD of the samples to the standard curve.

Sample Types

serum, plasma, Tissue homogenate and Other biological samples

Sensitivity

0.10 ng/mL

Expiration Date

Please enquire.

