
Product Datasheet

Mouse HbA1c(Glycated Hemoglobin A1c) ELISA Kit (orb1994913)

Description

Mouse HbA1c(Glycated Hemoglobin)

Reactivity

Mouse

Range

15.63-1000 µg/mL

Note

For research use only

Application notes

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 Mouse HbA1c. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse HbA1c. 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 Mouse HbA1c, 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 ± 10nm. The concentration of Mouse HbA1c in the samples is then determined by comparing the OD of the samples to the standard curve.

Sample Types

plasma and erythrocyte lysates

Sensitivity

4.55 µg/mL

Expiration Date

Please enquire.