

Product Datasheet

Mouse HbA1c ELISA Kit (orb778970)

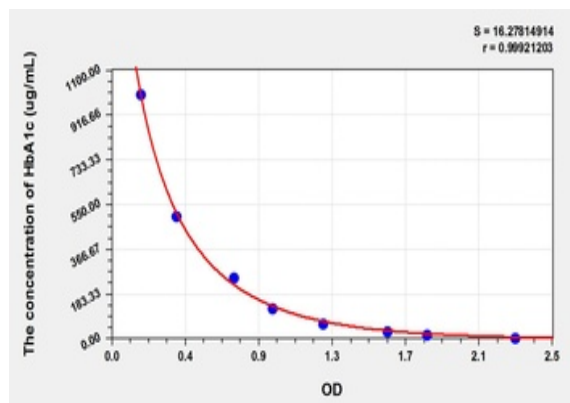
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Glycated Hemoglobin A1c(HbA1c) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Glycated Hemoglobin A1c(HbA1c).
Reactivity	Mouse
Range	15.63-1000 µg/mL
Tested Applications	ELISA
Note	For research use only
Application notes	Standard: 1000 µg/mL. Test Principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Mouse HbA1c protein. 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. 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.

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