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Product Datasheet

Mouse Glycated Hemoglobin A1c (HbA1c) ELISA Kit BYT-ORB1994913

Article Name	Mouse Glycated Hemoglobin A1c (HbA1c) ELISA Kit
Biozol Catalog Number	BYT-ORB1994913
Supplier Catalog Number	orb1994913
Alternative Catalog Number	BYT-ORB1994913-48, BYT-ORB1994913-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Mouse
Product Description	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 th...
Concentration	1000 µg/mL
Range	15.63-1000 µg/mL
Sensitivity	4.55 µg/mL
Samples	plasma and erythrocyte lysates

Application Notes

Application Notes: standard: 1000 µg/mL. Test principle: 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