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Product Datasheet

Mouse CT(Calcitonin) Microsample ELISA Kit BYT-ORB2997261

Article Name	Mouse CT(Calcitonin) Microsample ELISA Kit
Biozol Catalog Number	BYT-ORB2997261
Supplier Catalog Number	orb2997261
Alternative Catalog Number	BYT-ORB2997261-48,BYT-ORB2997261-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Mouse
Product Description	Mouse CT(Calcitonin) Microsample ELISA Kit...
Range	15.63-1000 pg/mL
Sensitivity	6.4 pg/mL
UniProt	Q9N0V5
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

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