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Product Datasheet

Rat NAGase(N-Acetyl Beta-D-Glucosaminidase) ELISA Kit EBT-ELK2554

Article Name	Rat NAGase(N-Acetyl Beta-D-Glucosaminidase) ELISA Kit
Biozol Catalog Number	EBT-ELK2554
Supplier Catalog Number	ELK2554
Alternative Catalog Number	EBT-ELK2554-96, EBT-ELK2554-48, EBT-ELK2554-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.56 ng/mL
Samples	urine

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Kidney biomarker,. 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 Rat NAGase. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat NAGase. 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 Rat NAGase, 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 Rat NAGase in the samples is then determined by comparing the OD of the samples to the standard curve