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Product Datasheet

Human SLC5A8(Solute Carrier Family 5, Member 8) ELISA Kit EBT-ELK10077

Article Name	Human SLC5A8(Solute Carrier Family 5, Member 8) ELISA Kit
Biozol Catalog Number	EBT-ELK10077
Supplier Catalog Number	ELK10077
Alternative Catalog Number	EBT-ELK10077-96, EBT-ELK10077-48, EBT-ELK10077-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.094 ng/mL
UniProt	Q8N695
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction,. 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 Human SLC5A8. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human SLC5A8. 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 Human SLC5A8, 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 Human SLC5A8 in the samples is then determined by comparing the OD of the samples to the standard curve