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Product Datasheet

Human SLC39A14(Solute Carrier Family 39, Member 14) Microsample ELISA Kit BYT-ORB2997343

Article Name	Human SLC39A14(Solute Carrier Family 39, Member 14) Microsample ELISA Kit
Biozol Catalog Number	BYT-ORB2997343
Supplier Catalog Number	orb2997343
Alternative Catalog Number	BYT-ORB2997343-48, BYT-ORB2997343-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Human
Product Description	Human SLC39A14(Solute Carrier Family 39, Member 14) Microsample ELISA Kit...
Range	0.16-10 ng/mL
Sensitivity	0.055 ng/mL
UniProt	Q15043
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 Human SLC39A14. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human SLC39A14. 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 SLC39A14, 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 SLC39A14 in the samples is then determined by comparing the OD of the samples to the standard curve