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Product Datasheet

Human γ +LAT1(L-Type Amino Acid Transporter 1) ELISA Kit EBT-ELK4710

Article Name	Human γ +LAT1(L-Type Amino Acid Transporter 1) ELISA Kit
Biozol Catalog Number	EBT-ELK4710
Supplier Catalog Number	ELK4710
Alternative Catalog Number	EBT-ELK4710-96, EBT-ELK4710-48, EBT-ELK4710-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.118 ng/mL
UniProt	Q9UM01
Samples	Tissue homogenates, cell lysates 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 γ +LAT1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human γ +LAT1. 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 γ +LAT1, 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 γ +LAT1 in the samples is then determined by comparing the OD of the samples to the standard curve