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Product Datasheet

Mouse ACSL4(Acyl Coenzyme A Synthetase Long Chain Family, Member 4) ELISA Kit EBT-ELK10015

Article Name	Mouse ACSL4(Acyl Coenzyme A Synthetase Long Chain Family, Member 4) ELISA Kit
Biozol Catalog Number	EBT-ELK10015
Supplier Catalog Number	ELK10015
Alternative Catalog Number	EBT-ELK10015-96, EBT-ELK10015-96X5, EBT-ELK10015-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.063 ng/mL
UniProt	Q9QUJ7
Samples	Tissue homogenates, cell lysates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase,. 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 Mouse ACSL4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse ACSL4. 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 ACSL4, 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 ACSL4 in the samples is then determined by comparing the OD of the samples to the standard curve