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Product Datasheet

Mouse FATP5(Fatty Acid Transport Protein 5) ELISA Kit EBT-ELK4637

Article Name	Mouse FATP5(Fatty Acid Transport Protein 5) ELISA Kit
Biozol Catalog Number	EBT-ELK4637
Supplier Catalog Number	ELK4637
Alternative Catalog Number	EBT-ELK4637-96, EBT-ELK4637-48, EBT-ELK4637-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.055 ng/mL
UniProt	Q4LDG0
Samples	Tissue homogenates, cell lysates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Cardiovascular biology,. 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 FATP5. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse FATP5. 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 FATP5, 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 FATP5 in the samples is then determined by comparing the OD of the samples to the standard curve