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## Product Datasheet

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

Artikelname	Mouse ACSL4(Acyl Coenzyme A Synthetase Long Chain Family, Member 4) ELISA Kit
Artikelnummer	EBT-ELK10015
Hersteller Artikelnummer	ELK10015
Alternativnummer	EBT-ELK10015-96, EBT-ELK10015-96X5, EBT-ELK10015-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Mouse
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.063 ng/mL
UniProt	<a href="#">Q9QUJ7</a>
Proben	Tissue homogenates, cell lysates and other biological fluids.

Anwendungsbeschreibung

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