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## Product Datasheet

### Mouse CSE(Cystathionine Gamma Lyase) ELISA Kit EBT-ELK0337

Article Name	Mouse CSE(Cystathionine Gamma Lyase) ELISA Kit
Biozol Catalog Number	EBT-ELK0337
Supplier Catalog Number	ELK0337
Alternative Catalog Number	EBT-ELK0337-96, EBT-ELK0337-48, EBT-ELK0337-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.11 ng/mL
Samples	Serum, plasma, tissue homogenates and other biological fluids.

#### Application Notes

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