

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Mouse GCLM(Glutamate Cysteine Ligase, Modifier Subunit) ELISA Kit EBT-ELK4338

Article Name	Mouse GCLM(Glutamate Cysteine Ligase, Modifier Subunit) ELISA Kit
Biozol Catalog Number	EBT-ELK4338
Supplier Catalog Number	ELK4338
Alternative Catalog Number	EBT-ELK4338-96, EBT-ELK4338-48, EBT-ELK4338-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.071 ng/mL
UniProt	O09172
Samples	Serum, plasma, tissue homogenates and other biological fluids.

Application Notes

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