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## Product Datasheet

### **SAM(S-Adenosyl Methionine) ELISA Kit EBT-ELK8108**

Article Name	SAM(S-Adenosyl Methionine) ELISA Kit
Biozol Catalog Number	EBT-ELK8108
Supplier Catalog Number	ELK8108
Alternative Catalog Number	EBT-ELK8108-96,EBT-ELK8108-48,EBT-ELK8108-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	All
Concentration	1000 ng/mL
Range	15.63-1000 ng/mL
Sensitivity	4.71 ng/mL
Samples	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Enzyme & Kinase,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with SAM. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to SAM. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 SAM in the samples is then determined by comparing the OD of the samples to the standard curve