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## Product Datasheet

### Rat 3-MH(3-Methylhistidine) ELISA Kit EBT-ELK0251

Article Name	Rat 3-MH(3-Methylhistidine) ELISA Kit
Biozol Catalog Number	EBT-ELK0251
Supplier Catalog Number	ELK0251
Alternative Catalog Number	EBT-ELK0251-96, EBT-ELK0251-48, EBT-ELK0251-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	400 nmol/mL
Range	6.25-400 nmol/mL
Sensitivity	2.71 nmol/mL
Samples	serum, plasma, other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 3.5h. Research Area: Metabolism. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat 3-MH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 3-MH. 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 Rat 3-MH in the samples is then determined by comparing the OD of the samples to the standard curve