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## Product Datasheet

### Human 3-MH(3-Methylhistidine) ELISA Kit EBT-ELK11259

Article Name	Human 3-MH(3-Methylhistidine) ELISA Kit
Biozol Catalog Number	EBT-ELK11259
Supplier Catalog Number	ELK11259
Alternative Catalog Number	EBT-ELK11259-96, EBT-ELK11259-48, EBT-ELK11259-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	400 nmol/mL
Range	6.25-400 nmol/mL
Sensitivity	2.61 nmol/mL
Samples	serum, plasma, tissue homogenates and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. 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 Human 3-MH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human 3-MH in the samples is then determined by comparing the OD of the samples to the standard curve