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## Product Datasheet

### Mouse MPO(Myeloperoxidase) Microsample ELISA Kit EBT-ELK10310MS

Article Name	Mouse MPO(Myeloperoxidase) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK10310MS
Supplier Catalog Number	ELK10310MS
Alternative Catalog Number	EBT-ELK10310MS-96, EBT-ELK10310MS-48, EBT-ELK10310MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	2000 ng/mL
Range	31.25-2000 ng/mL
Sensitivity	10 ng/mL
UniProt	<a href="#">P11247</a>
Samples	Serum, plasma and other biological fluids.

Application Notes

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