

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

Product Datasheet

Horse MPO(Myeloperoxidase) ELISA Kit EBT-ELK10717

Article Name	Horse MPO(Myeloperoxidase) ELISA Kit
Biozol Catalog Number	EBT-ELK10717
Supplier Catalog Number	ELK10717
Alternative Catalog Number	EBT-ELK10717-96, EBT-ELK10717-96X5, EBT-ELK10717-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Equine
Concentration	1000 ng/mL
Range	15.63-1000 ng/mL
Sensitivity	3.34 ng/mL
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 Horse MPO. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Horse 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 Horse 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 Horse MPO in the samples is then determined by comparing the OD of the samples to the standard curve