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Product Datasheet

Zebrafish IgM(Immunoglobulin M) ELISA Kit EBT-ELK10111

Article Name	Zebrafish IgM(Immunoglobulin M) ELISA Kit
Biozol Catalog Number	EBT-ELK10111
Supplier Catalog Number	ELK10111
Alternative Catalog Number	EBT-ELK10111-96, EBT-ELK10111-48, EBT-ELK10111-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Zebrafish
Concentration	2000 µg/mL
Range	31.25-2000 µg/mL
Sensitivity	14.3 µg/mL
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Infection immunity, Immune molecule, Hematology,. 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 Zebrafish IgM. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Zebrafish IgM. 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 Zebrafish IgM, 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 Zebrafish IgM in the samples is then determined by comparing the OD of the samples to the standard curve