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Product Datasheet

Dog MAPK14(Mitogen Activated Protein Kinase 14) ELISA Kit EBT-ELK0404

Article Name	Dog MAPK14(Mitogen Activated Protein Kinase 14) ELISA Kit
Biozol Catalog Number	EBT-ELK0404
Supplier Catalog Number	ELK0404
Alternative Catalog Number	EBT-ELK0404-96, EBT-ELK0404-48, EBT-ELK0404-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Canine
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.12 ng/mL
Samples	Tissue homogenates, cell lysates and other biological fluids.

Application Notes	Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Enzyme & Kinase, Tumor immunity, Infection immunity, . 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 Dog MAPK14. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog MAPK14. 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 Dog MAPK14, 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 Dog MAPK14 in the samples is then determined by comparing the OD of the samples to the standard curve
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