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Product Datasheet

Dog GMCSF(Colony Stimulating Factor 2, Granulocyte Macrophage) ELISA Kit EBT-ELK5675

Article Name	Dog GMCSF(Colony Stimulating Factor 2, Granulocyte Macrophage) ELISA Kit
Biozol Catalog Number	EBT-ELK5675
Supplier Catalog Number	ELK5675
Alternative Catalog Number	EBT-ELK5675-96, EBT-ELK5675-48, EBT-ELK5675-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Canine
Concentration	500 pg/mL
Range	7.82-500 pg/mL
Sensitivity	3.2 pg/mL
UniProt	P48749
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: Cytokine,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 Dog GMCSF. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog GMCSF. 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 GMCSF, 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 GMCSF in the samples is then determined by comparing the OD of the samples to the standard curve