

Product Datasheet

Dog Colony Stimulating Factor 2, Granulocyte Macrophage (GMCSF) ELISA Kit (orb779518)

Catalog Number	orb779518
Category	Assays and Kits
Description	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 Colony Stimulating Factor 2, Granulocyte Macrophage(GMCSF).
Reactivity	Canine
Concentration	500 pg/mL
UniProt ID	P48749
Tested applications	ELISA
Application notes	standard: 500 pg/mL. 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 \pm 10nm. The concentration of Dog GMCSF in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Sandwich
Assay Time	3.5h

Biorbyt Ltd.

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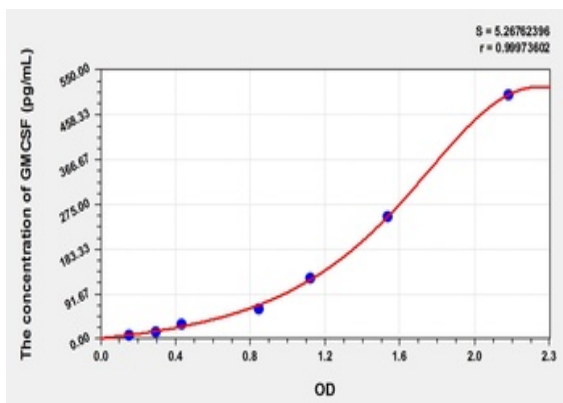
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Range	7.82-500 pg/mL
Sensitivity	3.2 pg/mL
Sample Types	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Note	For research use only
Expiration Date	Please enquire.

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