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Product Datasheet

Mouse Granulocyte-Macrophage Colony Stimulating Factor (GM-CSF) ELISA Kit BYT-ORB1806807

Article Name	Mouse Granulocyte-Macrophage Colony Stimulating Factor (GM-CSF) ELISA Kit
Biozol Catalog Number	BYT-ORB1806807
Supplier Catalog Number	orb1806807
Alternative Catalog Number	BYT-ORB1806807-48,BYT-ORB1806807-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Mouse
Product Description	Mouse Granulocyte-Macrophage Colony Stimulating Factor (GM-CSF) ELISA Kit...
Range	0.78-50pg/mL
Sensitivity	0.04 pg/mL
UniProt	P01587
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	GM-CSF

Application Notes

Application Notes: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse GM-CSF. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse GM-CSF and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse GM-CSF, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm. The OD value is proportional to the concentration of Mouse GM-CSF. You can calculate the concentration of Mouse GM-CSF in the samples by comparing the OD of the samples to the standard curve