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Product Datasheet

Mouse Vascular cell adhesion molecule 1 (VCAM-1/CD106) ELISA Kit

BYT-ORB1807779

Article Name	Mouse Vascular cell adhesion molecule 1 (VCAM-1/CD106) ELISA Kit
Biozol Catalog Number	BYT-ORB1807779
Supplier Catalog Number	orb1807779
Alternative Catalog Number	BYT-ORB1807779-48,BYT-ORB1807779-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Mouse
Product Description	Mouse Vascular cell adhesion molecule 1 (VCAM-1/CD106) ELISA Kit...
Range	0.16-10ng/mL
Sensitivity	0.10 ng/mL
UniProt	P29533
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	VCAM-1/CD106

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 VCAM-1/CD106. 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 VCAM-1/CD106 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 VCAM-1/CD106, 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 2 nm. The OD value is proportional to the concentration of Mouse VCAM-1/CD106. You can calculate the concentration of Mouse VCAM-1/CD106 in the samples by comparing the OD of the samples to the standard curve