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Product Datasheet

Rat Vascular Endothelial Cell Growth Factor A (VEGF-A) Microsample Fast ELISA Kit
BYT-ORB1806673

Article Name	Rat Vascular Endothelial Cell Growth Factor A (VEGF-A) Microsample Fast ELISA Kit
Biozol Catalog Number	BYT-ORB1806673
Supplier Catalog Number	orb1806673
Alternative Catalog Number	BYT-ORB1806673-48,BYT-ORB1806673-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat Vascular Endothelial Cell Growth Factor A (VEGF-A) Microsample Fast ELISA Kit...
Range	31.25-2000pg/mL
Sensitivity	18.75 pg/mL
UniProt	P16612
Form	Ready to use
Samples	serum, plasma, Tissue homogenate and Other biological samples,Sample volume:25µL
Target	VEGF-A

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 Rat VEGF-A. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody and biotinylated detection antibody specific for Rat VEGF-A. Then 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 Rat VEGF-A, 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 Rat VEGF-A. You can calculate the concentration of Rat VEGF-A in the samples by comparing the OD of the samples to the standard curve