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## Product Datasheet

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

Artikelname	Rat Vascular Endothelial Cell Growth Factor A (VEGF-A) Microsample Fast ELISA Kit
Artikelnummer	BYT-ORB1806673
Hersteller Artikelnummer	orb1806673
Alternativnummer	BYT-ORB1806673-48,BYT-ORB1806673-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Produktbeschreibung	Rat Vascular Endothelial Cell Growth Factor A (VEGF-A) Microsample Fast ELISA Kit...
Detektionsbereich	31.25-2000pg/mL
Sensitivitaet	18.75 pg/mL
UniProt	<a href="#">P16612</a>
Formulierung	Ready to use
Proben	serum, plasma, Tissue homogenate and Other biological samples,Sample volume:25µL
Target-Kategorie	VEGF-A

Anwendungsbeschreibung

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