BIOZOL

Diagnostica Vertrieb GmbH, Oehleckerring 11-13

22419 Hamburg, Germany

Telephone: +49 (0)89 3799666-6 | **Fax:** +49 (0)89 3799666-99

E-Mail: info@biozol.de

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Rat Vascular Cell Adhesion Molecule 1 (VCAM-1/CD106) ELISA Kit

BYT-ORB1806862

Article Name	Rat Vascular Cell Adhesion Molecule 1 (VCAM-1/CD106) ELISA Kit
Biozol Catalog Number	BYT-ORB1806862
Supplier Catalog Number	orb1806862
Alternative Catalog Number	BYT-ORB1806862-48,BYT-ORB1806862-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat Vascular Cell Adhesion Molecule 1 (VCAM-1/CD106) ELISA Kit...
Range	12.5-800pg/mL
Sensitivity	7.50 pg/mL
UniProt	P29534
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	VCAM1

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 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 Rat 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 Rat 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 Rat VCAM-1/CD106. You can calculate the concentration of Rat VCAM-1/CD106 in the samples by comparing the OD of the samples to the standard curve