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## Product Datasheet

### Rat VAP-1(VascularAdhesion Protein 1) Microsample ELISA Kit BYT-ORB2997286

Article Name	Rat VAP-1(VascularAdhesion Protein 1) Microsample ELISA Kit
Biozol Catalog Number	BYT-ORB2997286
Supplier Catalog Number	orb2997286
Alternative Catalog Number	BYT-ORB2997286-48,BYT-ORB2997286-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat VAP-1(VascularAdhesion Protein 1) Microsample ELISA Kit...
Range	0.16-10 ng/mL
Sensitivity	0.1 ng/mL
UniProt	<a href="#">O08590</a>
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat VAP-1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat VAP-1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat VAP-1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm 10nm. The concentration of Rat VAP-1 in the samples is then determined by comparing the OD of the samples to the standard curve