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## Product Datasheet

### Human intercellular adhesion molecule 1 (ICAM-1/CD54) Microsample Fast ELISA Kit BYT-ORB1806695

Article Name	Human intercellular adhesion molecule 1 (ICAM-1/CD54) Microsample Fast ELISA Kit
Biozol Catalog Number	BYT-ORB1806695
Supplier Catalog Number	orb1806695
Alternative Catalog Number	BYT-ORB1806695-48,BYT-ORB1806695-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Human
Product Description	Human intercellular adhesion molecule 1 (ICAM-1/CD54) Microsample Fast ELISA Kit...
Range	0.32-20ng/mL
Sensitivity	0.19 ng/mL
UniProt	<a href="#">P05362</a>
Form	Ready to use
Samples	serum, plasma, Tissue homogenate and Other biological samples,Sample volume:25µL
Target	ICAM-1/CD54

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 Human ICAM-1/CD54. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody and biotinylated detection antibody specific for Human ICAM-1/CD54. 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 Human ICAM-1/CD54, 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 Human ICAM-1/CD54. You can calculate the concentration of Human ICAM-1/CD54 in the samples by comparing the OD of the samples to the standard curve