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## Product Datasheet

### Rat Complement Component 5a (C5a) Microsample Fast ELISA Kit BYT-ORB1806626

Article Name	Rat Complement Component 5a (C5a) Microsample Fast ELISA Kit
Biozol Catalog Number	BYT-ORB1806626
Supplier Catalog Number	orb1806626
Alternative Catalog Number	BYT-ORB1806626-48,BYT-ORB1806626-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat Complement Component 5a (C5a) Microsample Fast ELISA Kit...
Range	15.63-1000ng/mL
Sensitivity	9.38 ng/mL
UniProt	<a href="#">P08650</a>
Form	Ready to use
Samples	serum, plasma, Tissue homogenate and Other biological samples,Sample volume:25µL
Target	C5a

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 C5a. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody and biotinylated detection antibody specific for Rat C5a. 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 C5a, 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 C5a. You can calculate the concentration of Rat C5a in the samples by comparing the OD of the samples to the standard curve