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## Product Datasheet

### **Rat Interleukin 1 Receptor Antagonist (IL-1ra/IL-1F3) Microsample Fast ELISA Kit BYT-ORB1806576**

Article Name	Rat Interleukin 1 Receptor Antagonist (IL-1ra/IL-1F3) Microsample Fast ELISA Kit
Biozol Catalog Number	BYT-ORB1806576
Supplier Catalog Number	orb1806576
Alternative Catalog Number	BYT-ORB1806576-48,BYT-ORB1806576-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat Interleukin 1 Receptor Antagonist (IL-1ra/IL-1F3) Microsample Fast ELISA Kit...
Range	78.13-5000pg/mL
Sensitivity	46.88 pg/mL
UniProt	<a href="#">P25086</a>
Form	Ready to use
Samples	serum, plasma, Tissue homogenate and Other biological samples,Sample volume:25µL
Target	IL-1ra/IL-1F3

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 IL-1ra/IL-1F3. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody and biotinylated detection antibody specific for Rat IL-1ra/IL-1F3. 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 IL-1ra/IL-1F3, 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 IL-1ra/IL-1F3. You can calculate the concentration of Rat IL-1ra/IL-1F3 in the samples by comparing the OD of the samples to the standard curve