

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

## Product Datasheet

### Human Interleukin 1 Receptor Antagonist (IL-1ra/IL-1F3) Microsample Fast ELISA Kit BYT-ORB1806577

|                            |   |
|----------------------------|---|
| Article Name               | Human Interleukin 1 Receptor Antagonist (IL-1ra/IL-1F3) Microsample Fast ELISA Kit    |
| Biozol Catalog Number      | BYT-ORB1806577  |
| Supplier Catalog Number    | orb1806577  |
| Alternative Catalog Number | BYT-ORB1806577-48,BYT-ORB1806577-96   |
| Manufacturer               | Biorbyt   |
| Category                   | Kits/Assays   |
| Species Reactivity         | Human   |
| Product Description        | Human Interleukin 1 Receptor Antagonist (IL-1ra/IL-1F3) Microsample Fast ELISA Kit... |
| Range                      | 31.25-2000pg/mL   |
| Sensitivity                | 18.75 pg/mL   |
| UniProt                    | <a href="#">P18510</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 Human 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 Human 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 Human 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 Human IL-1ra/IL-1F3. You can calculate the concentration of Human IL-1ra/IL-1F3 in the samples by comparing the OD of the samples to the standard curve