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## Product Datasheet

### Human Interferon Beta (IFN-beta) Microsample Fast ELISA Kit BYT-ORB1806668

Article Name	Human Interferon Beta (IFN-beta) Microsample Fast ELISA Kit
Biozol Catalog Number	BYT-ORB1806668
Supplier Catalog Number	orb1806668
Alternative Catalog Number	BYT-ORB1806668-48,BYT-ORB1806668-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Human
Product Description	Human Interferon Beta (IFN-beta) Microsample Fast ELISA Kit...
Range	31.25-2000pg/mL
Sensitivity	18.75 pg/mL
UniProt	<a href="#">P01574</a>
Form	Ready to use
Samples	Macrophage culture supernatant, bone marrow mesenchymal stem cell supernatant,Sample volume:25µL
Target	IFN-beta

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