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Product Datasheet

Rat Leptin (LEP) Microsample Fast ELISA Kit
BYT-ORB1806749

Article Name	Rat Leptin (LEP) Microsample Fast ELISA Kit
Biozol Catalog Number	BYT-ORB1806749
Supplier Catalog Number	orb1806749
Alternative Catalog Number	BYT-ORB1806749-48,BYT-ORB1806749-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat Leptin (LEP) Microsample Fast ELISA Kit...
Range	0.16-10ng/mL
Sensitivity	0.1 ng/mL
UniProt	P50596
Form	Ready to use
Samples	serum, plasma, Tissue homogenate and Other biological samples,Sample volume:25µL
Target	LEP

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