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Product Datasheet

Rat Motilin (MTL) ELISA Kit BYT-ORB1806828

Article Name	Rat Motilin (MTL) ELISA Kit
Biozol Catalog Number	BYT-ORB1806828
Supplier Catalog Number	orb1806828
Alternative Catalog Number	BYT-ORB1806828-48,BYT-ORB1806828-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat Motilin (MTL) ELISA Kit...
Range	93.75-6000pg/mL
Sensitivity	56.25 pg/mL
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	MTL

Application Notes	Application Notes: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Rat MTL. During the reaction, Rat MTL in the sample or standard competes with a fixed amount of Rat MTL on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat MTL. Excess conjugate and unbound sample or standard are washed away, and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns from blue to yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Rat MTL in tested samples can be calculated by comparing the OD of the samples to the standard curve
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