

Product Datasheet

Rat Motilin (MTL) ELISA Kit (orb777037)

Catalog Number	orb777037
Category	Assays and Kits
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Motilin(MTL) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Motilin(MTL).
Reactivity	Rat
Concentration	6000 pg/mL
Tested applications	ELISA
Application notes	standard: 6000 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat MTL protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat MTL. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Rat MTL in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Competitive
Assay Time	2.5h
Range	93.75-6000 pg/mL
Sensitivity	29.75 pg/mL
Sample Types	Serum, plasma and other biological fluids

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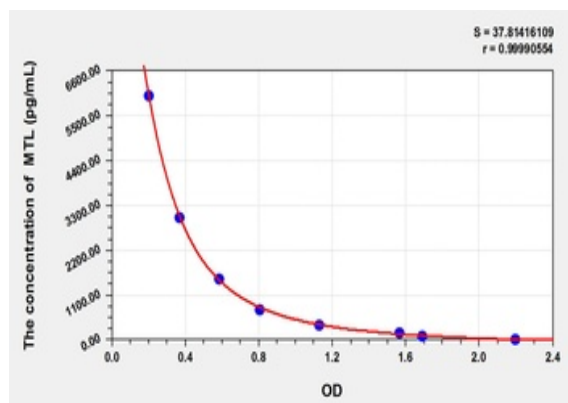
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Note

For research use only

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