

Product Datasheet

Rat MT1 ELISA Kit (orb779509)

Description	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided...
Reactivity	Rat
Range	31.25-2000 pg/mL
Tested Applications	ELISA
Concentration	200 ng/mL
Note	For research use only
Application notes	Standard: 2000 pg/mL. Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat MT1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat MT1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat MT1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 ± 10nm. The concentration of Rat MT1 in the samples is then determined by comparing the OD of the samples to the standard curve
Sample Types	Serum, plasma, tissue homogenates and other biological fluids
Uniprot ID	P02803
Sensitivity	14.1 pg/mL
Expiration Date	Please enquire.

