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Product Datasheet

Mouse Claudin 1 (CLDN1) ELISA Kit BYT-ORB1291295

Article Name	Mouse Claudin 1 (CLDN1) ELISA Kit
Biozol Catalog Number	BYT-ORB1291295
Supplier Catalog Number	orb1291295
Alternative Catalog Number	BYT-ORB1291295-48, BYT-ORB1291295-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Mouse
Product Description	Mouse CLDN1 (Claudin 1) ELISA Kit...
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	28 pg/mL
UniProt	O88551
Samples	serum, plasma, tissue homogenates, cell lysates and other biological fluids

Application Notes

Application Notes: standard: 5000 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 Mouse CLDN1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse CLDN1. 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 Mouse CLDN1, 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 Mouse CLDN1 in the samples is then determined by comparing the OD of the samples to the standard curve