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Product Datasheet

Human Anti-GM1(Anti-Ganglioside Antibody) ELISA Kit EBT-ELK0676

Article Name	Human Anti-GM1(Anti-Ganglioside Antibody) ELISA Kit
Biozol Catalog Number	EBT-ELK0676
Supplier Catalog Number	ELK0676
Alternative Catalog Number	EBT-ELK0676-96, EBT-ELK0676-48, EBT-ELK0676-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	80 ng/mL
Range	1.25-80 ng/mL
Sensitivity	0.56 ng/mL
Samples	Serum, plasma, tissue homogenates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Immune molecule,. 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 Human Anti-GM1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Anti-GM1. 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 Human Anti-GM1, 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 Human Anti-GM1 in the samples is then determined by comparing the OD of the samples to the standard curve