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## Product Datasheet

### Mouse Anti-IAA(Anti-Insulin Autoantibody) ELISA Kit EBT-ELK0650

Article Name	Mouse Anti-IAA(Anti-Insulin Autoantibody) ELISA Kit
Biozol Catalog Number	EBT-ELK0650
Supplier Catalog Number	ELK0650
Alternative Catalog Number	EBT-ELK0650-96, EBT-ELK0650-48, EBT-ELK0650-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	50 ng/mL
Range	0.78-50 ng/mL
Sensitivity	0.32 ng/mL
Samples	Serum, plasma and other biological fluids.

Application Notes

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