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## Product Datasheet

### Human REG1a(Regenerating Islet Derived Protein 1 Alpha) ELISA Kit EBT-ELK2173

Article Name	Human REG1a(Regenerating Islet Derived Protein 1 Alpha) ELISA Kit
Biozol Catalog Number	EBT-ELK2173
Supplier Catalog Number	ELK2173
Alternative Catalog Number	EBT-ELK2173-96, EBT-ELK2173-48, EBT-ELK2173-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	4000 pg/mL
Range	62.5-4000 pg/mL
Sensitivity	25.3 pg/mL
UniProt	<a href="#">P05451</a>
Samples	Serum, plasma and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Infection immunity, Endocrinology, Hepatology,. 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 REG1a. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human REG1a. 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 REG1a, 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 REG1a in the samples is then determined by comparing the OD of the samples to the standard curve