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Product Datasheet

Human GIP (Glucose dependent insulin releasing polypeptide) ELISA Kit EBT-ELK10009

Article Name	Human GIP (Glucose dependent insulin releasing polypeptide) ELISA Kit
Biozol Catalog Number	EBT-ELK10009
Supplier Catalog Number	ELK10009
Alternative Catalog Number	EBT-ELK10009-96, EBT-ELK10009-96X5, EBT-ELK10009-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	200 ng/mL
Range	3.13-200 ng/mL
Sensitivity	1.48 ng/mL
UniProt	P09681
Samples	serum, plasma, tissue homogenates

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