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Product Datasheet

Human G-17(Gastrin-17) ELISA Kit EBT-ELK0740

Article Name	Human G-17(Gastrin-17) ELISA Kit
Biozol Catalog Number	EBT-ELK0740
Supplier Catalog Number	ELK0740
Alternative Catalog Number	EBT-ELK0740-96, EBT-ELK0740-48, EBT-ELK0740-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	14.3 pg/mL
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Endocrinology, Gastroenterology, Hormone metabolism, .
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 G-17. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human G-17. 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 G-17, 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 G-17 in the samples is then determined by comparing the OD of the samples to the standard curve