

ELISA Kit for Gastric Inhibitory Polypeptide (GIP)

Catalog No: tcue243



Available Sizes

Size: 96T



Specifications

Research Area:

Endocrinology;Gastroenterology;Hormone metabolism;

Species Reactivity:

Homo sapiens (Human)

Sample Type:

serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Sensitivity:

The minimum detectable dose of this kit is typically less than 23.9pg/mL

Detection Range:

61.7-5000pg/mL

Assay Time:

2h

Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

Tested Application:

ELISA

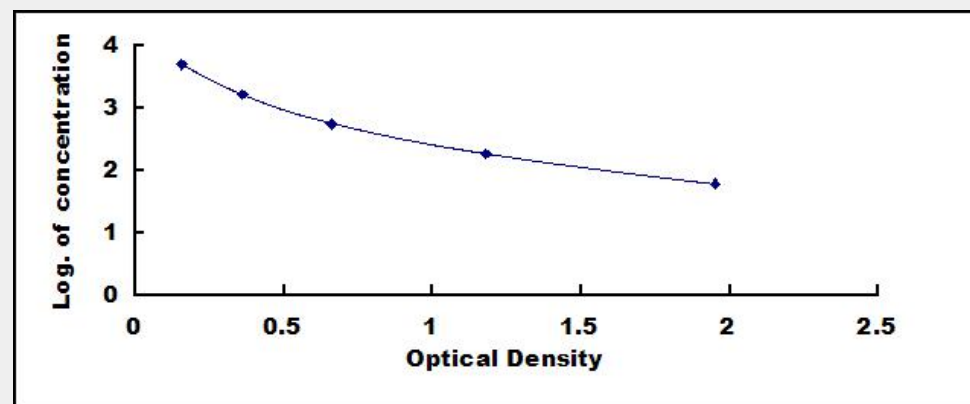
SwissProt:

P09681

Test Principle

This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Gastric Inhibitory

Polypeptide (GIP) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Gastric Inhibitory Polypeptide (GIP) and unlabeled Gastric Inhibitory Polypeptide (GIP) (Standards or samples) with the pre-coated antibody specific to Gastric Inhibitory Polypeptide (GIP). After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of Gastric Inhibitory Polypeptide (GIP) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Gastric Inhibitory Polypeptide (GIP) in the sample.



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