

Human GIP ELISA Kit | GIP elisa kit

Human GIP (Gastric Inhibitory Polypeptide) ELISA Kit

CATALOG #
AAA163902

REACTIVITY
Human

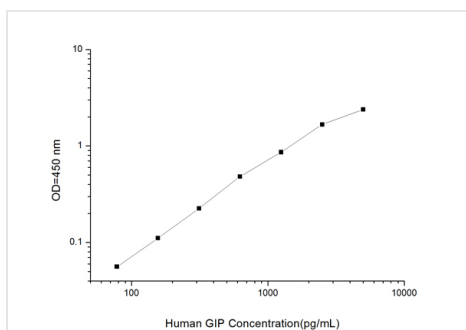
PRODUCT SYNONYMS

GIP; Human GIP (Gastric Inhibitory Polypeptide) ELISA Kit; GIP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human GIP in samples. No significant cross-reactivity or interference between Human GIP and analogues was observed.
Sequence Length	153
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	78.13-5000pg/mL
Sensitivity	46.88pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human GIP were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human GIP were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GIP elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human GIP concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human GIP. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human GIP and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human GIP, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human GIP. You can calculate the concentration of Human GIP in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758436
NCBI GeneID	2695
NCBI Accession #	NP_004114.1
NCBI GenBank Nucleotide #	NM_004123.2
UniProt Accession #	P09681; Q4VB42; Q6NTD3
Molecular Weight	17,108 Da
NCBI Official Full Name	gastric inhibitory polypeptide preproprotein
NCBI Official Synonym Full Names	gastric inhibitory polypeptide
NCBI Official Symbol	GIP
NCBI Protein Information	gastric inhibitory polypeptide; glucose-dependent insulinotropic polypeptide; incretin hormone
UniProt Protein Name	Gastric inhibitory polypeptide
UniProt Gene Name	GIP
UniProt Synonym Gene Names	GIP
UniProt Entry Name	GIP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.