

Mouse GIP ELISA Kit | GIP elisa kit

Mouse GIP (Gastric Inhibitory Polypeptide) ELISA Kit

CATALOG #
AAA21765

REACTIVITY
Mouse

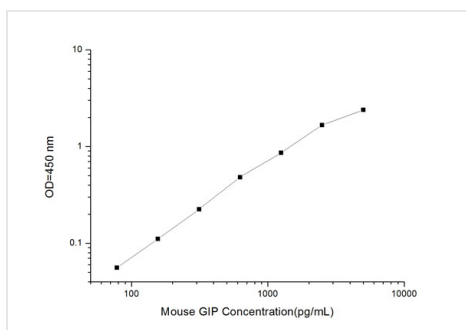
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse GIP in samples. No significant cross-reactivity or interference between Mouse GIP and analogues was observed.
Sequence Length	153
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
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 Mouse 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 Mouse 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	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 Mouse 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 Mouse 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 Mouse 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 Mouse GIP. You can calculate the concentration of Mouse GIP in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse GIP concentrations in serum, plasma and other biological fluids.
---	--

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.