

Human gastric inhibitory polypeptide ELISA Kit | GIP elisa kit

Human Glucose dependent insulin releasing polypeptide, GIP ELISA Kit

CATALOG #
AAA79860

REACTIVITY
Human

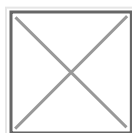
PRODUCT SYNONYMS

gastric inhibitory polypeptide; Human Glucose dependent insulin releasing polypeptide; GIP ELISA Kit; glucose-dependent insulinotropic polypeptide; GIP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human GIP. No significant cross-reactivity or interference between human GIP and analogues was observed.
Sequence Length	153
Samples	serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	11.43 ng/ml -200 ng/ml
Sensitivity	<7.14 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GIP elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GIP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for GIP. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GIP bound in the initial step. The color development is stopped and the intensity of the color is measured.

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; incretin hormone; glucose-dependent insulinotropic polypeptide
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.

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Online datasheet: <https://stage.aaabiotech.com/gip-human-elisa-kits/gastric-inhibitory-polypeptide/79860>