

Rat gastric inhibitory polypeptide (Gip) ELISA Kit | Gip elisa kit

Rat gastric inhibitory polypeptide, Gip ELISA Kit

CATALOG #
AAA112603

REACTIVITY
Rat

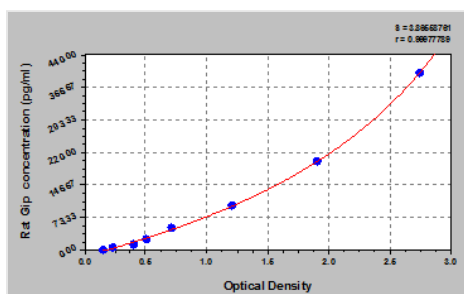
PRODUCT SYNONYMS

gastric inhibitory polypeptide (Gip); Rat gastric inhibitory polypeptide; Gip ELISA Kit; Rat gastric inhibitory polypeptide (Gip) ELISA kit; glucose-dependent insulinotropic polypeptide; Gip elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat Gip. No significant cross-reactivity or interference between rat Gip and analogues was observed.
Sequence Length	144
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	6.25 pg/ml -400 pg/ml.
Sensitivity	The minimum detectable dose of rat Gip is typically less than 1.56 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. 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 and any Gip present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Gip is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9789965
NCBI GeneID	25040
NCBI Accession #	NP_062604.1
NCBI GenBank Nucleotide #	NM_019630.3
UniProt Accession #	Q06145
Molecular Weight	16,401 Da
NCBI Official Full Name	gastric inhibitory polypeptide
NCBI Official Synonym Full Names	gastric inhibitory polypeptide
NCBI Official Symbol	Gip
NCBI Official Synonym Symbols	Gludins; RATGLUDINS
NCBI Protein Information	gastric inhibitory polypeptide; Glucose-dependent insulinotropic peptide; glucose-dependent insulinotropic polypeptide
UniProt Protein Name	Gastric inhibitory polypeptide
UniProt Gene Name	Gip
UniProt Synonym Gene Names	GIP
UniProt Entry Name	GIP_RAT

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://www.aaabiotech.com/rat-elisa-kits/gastric-inhibitory-polypeptide-gip/112603>