

Sheep Gastric Inhibitory Polypeptide ELISA Kit | GIP elisa kit

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CATALOG #
AAA93306

REACTIVITY
Sheep

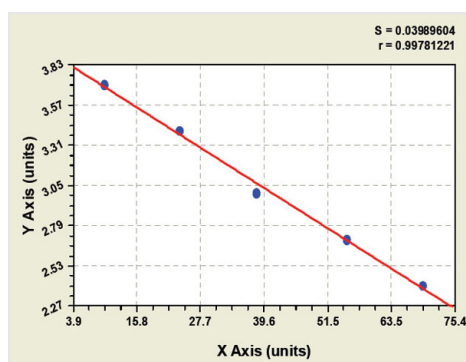
PRODUCT SYNONYMS

Gastric Inhibitory Polypeptide; Sheep Gastric Inhibitory Polypeptide ELISA Kit; GIP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This GIP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep GIP. This ELISA kit for research use only, not for therapeutic applications
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GIP elisa kit

Principle of the Assay: GIP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GIP antibody and an GIP-HRP conjugate. The assay sample and buffer are incubated together with GIP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GIP concentration since GIP from samples and GIP-HRP conjugate compete for the anti-GIP antibody binding site. Since the number of sites is limited, as more sites are occupied by GIP from the sample, fewer sites are left to bind GIP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GIP concentration in each sample is interpolated from this standard curve.

Product Categories/Family for GIP elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758436
NCBI GeneID	2695
NCBI Accession #	NP_004114.1
NCBI GenBank Nucleotide #	NM_004123.2
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-sheep-elisa-kits/gastric-inhibitory-polypeptide/93306>