

Rat gastrin ELISA Kit | GAST elisa kit

Rat Gastrin ELISA Kit

CATALOG #
AAA15624

REACTIVITY
Rat

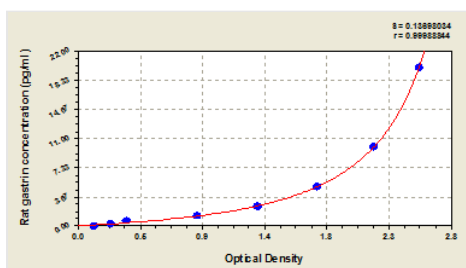
PRODUCT SYNONYMS

gastrin; Rat Gastrin ELISA Kit; GAS; ; GAST elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat gastrin. No significant cross-reactivity or interference between rat gastrin and analogues was observed.
Sequence Length	104
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	0.312 pg/ml-20 pg/ml
Sensitivity	< 0.078 pg/ml
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 GAST elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for gastrin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any gastrin present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for gastrin 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 gastrin bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978875
NCBI GeneID	25320
NCBI Accession #	NP_036981.1
NCBI GenBank Nucleotide #	NM_012849.1
UniProt Accession #	P04563
Molecular Weight	11,832 Da
NCBI Official Full Name	gastrin
NCBI Official Synonym Full Names	gastrin
NCBI Official Symbol	Gast
NCBI Official Synonym Symbols	Gas; PPG34
NCBI Protein Information	gastrin
UniProt Protein Name	Gastrin
UniProt Gene Name	Gast
UniProt Synonym Gene Names	Gas; G34
UniProt Entry Name	GAST_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://stage.aaabiotech.com/gast-rat-elisa-kits/gastrin/15624>