

Rat Gastrin ELISA Kit | Gast elisa kit

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CATALOG #
AAA193369

REACTIVITY
Rat

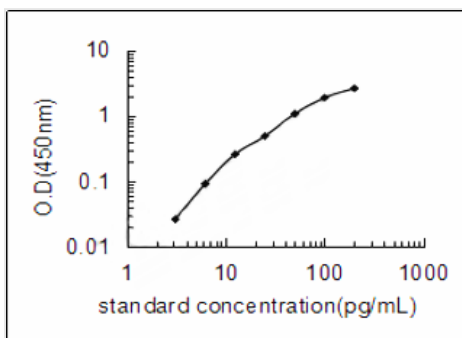
PRODUCT SYNONYMS

Gastrin; Rat Gastrin ELISA Kit; Gast; Gas; Gast elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural ratGastrin. No significant cross-reactivity or interference was observed.
Sequence Length	104
Assay Type	Sandwich
Detection Range	3.12-200 pg/mL
Sensitivity	1.71 pg/mL
Intra-Assay CV	<=4.1%
Inter-Assay CV	<=7.8%
Recovery	97%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Gast elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat Gastrin concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Gastrin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Gastrin and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Gastrin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Gastrin in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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/193369>