

Dog gastrin ELISA Kit | GAST elisa kit

Dog gastrin, GAST ELISA Kit

CATALOG #
AAA112340

REACTIVITY
Dog

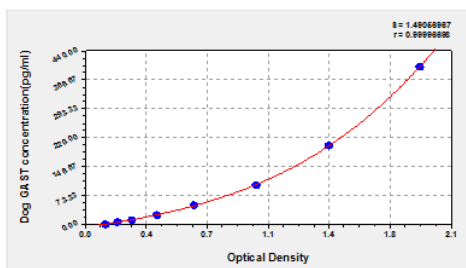
PRODUCT SYNONYMS

gastrin; Dog gastrin; GAST ELISA Kit; Dog gastrin (GAST) ELISA kit; GAS; ; GAST elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of Dog GAST. No significant cross-reactivity or interference between Dog GAST and analogues was observed.
Sequence Length	104
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	6.25 pg/ml-400 pg/ml
Sensitivity	1.56 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 GAST has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GAST present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GAST 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 GAST 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 #	345805367
NCBI GeneID	100685087
NCBI Accession #	XP_003435286.1
NCBI GenBank Nucleotide #	XM_003435238.2
UniProt Accession #	P01353
Molecular Weight	11,519 Da
NCBI Official Full Name	gastrin
NCBI Official Symbol	GAST
NCBI Official Synonym Symbols	GAS
NCBI Protein Information	gastrin
UniProt Protein Name	Gastrin
UniProt Gene Name	GAST
UniProt Synonym Gene Names	GAS; G34
UniProt Entry Name	GAST_CANFA

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/gast-dog-elisa-kits/gastrin/112340>