

Canine Gastrin ELISA Kit | GT elisa kit

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CATALOG #
AAA88783

REACTIVITY
Canine

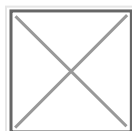
PRODUCT SYNONYMS

Gastrin; Canine Gastrin ELISA Kit; GT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This GT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine GT. 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 GT elisa kit

Principle of the Assay: GT ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GT antibody and an GT-HRP conjugate. The assay sample and buffer are incubated together with GT-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 GT concentration since GT from samples and GT-HRP conjugate compete for the anti-GT antibody binding site. Since the number of sites is limited, as more sites are occupied by GT from the sample, fewer sites are left to bind GT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GT concentration in each sample is interpolated from this standard curve.

Product Categories/Family for GT elisa kit

[Cardiovascular](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	182991
NCBI GeneID	2520

Molecular Weight	11,394 Da
NCBI Official Full Name	gastrin
NCBI Official Synonym Full Names	gastrin
NCBI Official Symbol	GAST
NCBI Official Synonym Symbols	GAS
NCBI Protein Information	gastrin; preprogastrin
UniProt Protein Name	Gastrin
UniProt Gene Name	GAST
UniProt Synonym Gene Names	GAS; G52; G34; G17; G14; G6
UniProt Entry Name	GAST_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/gt-canine-elisa-kits/gastrin/88783>