

Rat GT ELISA Kit | GT elisa kit

Rat GT (Gastrin) ELISA Kit

CATALOG #
AAA163638

REACTIVITY
Rat

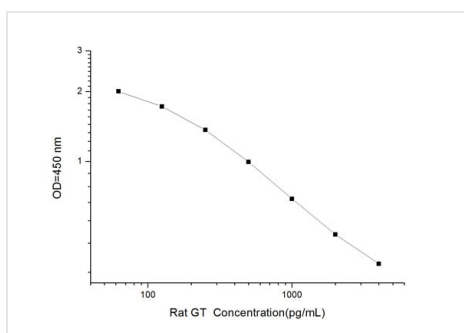
PRODUCT SYNONYMS

GT; Rat GT (Gastrin) ELISA Kit; GT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat GT. No significant cross-reactivity or interference between Rat GT and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat GT and all the analogues, therefore, cross reaction may still exist.
Sequence Length	177
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GT elisa kit

Description: The kit is a competitive enzyme immunoassay for in vitro quantitative measurement of GT in Rat serum, plasma and other biological fluids

Principle of the Assay: This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Rat GT. During the reaction, Rat GT in the sample or standard competes with a fixed amount of Rat GT on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat GT. Excess conjugate and unbound sample or standard are washed from the plate, 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. 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 Rat GT in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	195972864
NCBI GeneID	2172
NCBI Accession #	NP_001124430.1
NCBI GenBank Nucleotide #	NM_001130958.1
UniProt Accession #	P51161; Q07DR7; Q8TBI3; Q9UGI7
Molecular Weight	19,874 Da
NCBI Official Full Name	gastrotropin isoform 1
NCBI Official Synonym Full Names	fatty acid binding protein 6, ileal
NCBI Official Symbol	FABP6
NCBI Official Synonym Symbols	ILBP; I-15P; I-BAP; ILBP3; ILLBP; I-BABP; I-BALB
NCBI Protein Information	gastrotropin; GT; ileal bile acid binding protein; ileal lipid-binding protein; illeal lipid-binding protein; intestinal 15 kDa protein
UniProt Protein Name	Gastrotropin
UniProt Gene Name	FABP6
UniProt Synonym Gene Names	ILBP; ILLBP; GT; ILBP; I-15P; I-BABP
UniProt Entry Name	FABP6_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/rat-elisa-kits/gt/163638>