

Rat GT-34 ELISA Kit | GT-34 elisa kit

Rat GT-34 (Gastrin 34) ELISA Kit

CATALOG #
AAA164727

REACTIVITY
Rat

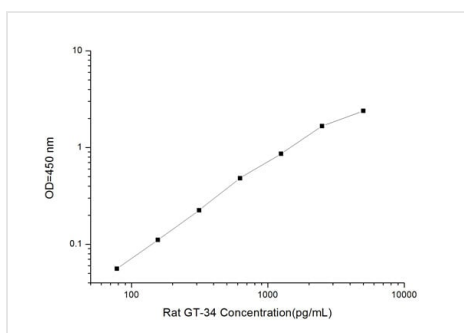
PRODUCT SYNONYMS

GT-34; Rat GT-34 (Gastrin 34) ELISA Kit; GT-34 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat GT-34. No significant cross-reactivity or interference between Rat GT-34 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-34 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	128
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	Min: 46.875pg/mL; Max: 5000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GT-34 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GT-34 in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat GT-34. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat GT-34 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat GT-34, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat GT-34. You can calculate the concentration of Rat GT-34 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	356460931
NCBI GeneID	397423
NCBI Accession #	NP_999380.2
NCBI GenBank Nucleotide #	NM_214215.2
UniProt Accession #	P10289
Molecular Weight	14,219 Da
NCBI Official Full Name	gastrotropin
NCBI Official Symbol	FABP6
NCBI Official Synonym Symbols	GT; PIP; ILBP; ILLBP
NCBI Protein Information	gastrotropin; fatty acid binding protein 6, ileal (gastrotropin); fatty acid-binding protein 6; ileal lipid-binding protein; porcine ileal peptide
UniProt Protein Name	Gastrotropin
UniProt Gene Name	FABP6
UniProt Synonym Gene Names	ILBP; ILLBP; GT; ILBP; PIP
UniProt Entry Name	FABP6_PIG

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-34/164727>