

Rat Gif (gastric intrinsic factor) ELISA Kit | Gif elisa kit

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CATALOG #
AAA250097

REACTIVITY
Rat

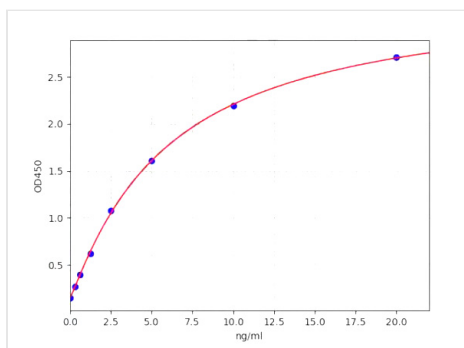
PRODUCT SYNONYMS

Gif (gastric intrinsic factor); Rat Gif (gastric intrinsic factor) ELISA kit; Cobalamin binding intrinsic factor; Gastric intrinsic factor; Intrinsic factor; IF; INF; Cblif; Gif; Gif elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Gif. No significant cross -reactivity or interference between Gif and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Gif elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8393437
NCBI GeneID	29319
NCBI Accession #	NP_058858.1
NCBI GenBank Nucleotide #	NM_017162.3
UniProt Accession #	P17267; O35801
Molecular Weight	45,956 Da
NCBI Official Full Name	gastric intrinsic factor
NCBI Official Synonym Full Names	gastric intrinsic factor
NCBI Official Symbol	Gif
NCBI Protein Information	gastric intrinsic factor
UniProt Protein Name	Gastric intrinsic factor
UniProt Gene Name	Gif
UniProt Synonym Gene Names	IF; INF

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/gif-gastric-intrinsic-factor/250097>