

Rat FABP6 (Gastrotropin/iBABP) ELISA Kit | FABP6 elisa kit

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CATALOG #
AAA250665

REACTIVITY
Rat

PRODUCT SYNONYMS

FABP6 (Gastrotropin/iBABP); Rat FABP6 (Gastrotropin/iBABP) ELISA Kit; Gastrotropin/iBABP; FABP6; Gastrotropin; GT; 14 kDa bile acid-binding protein; Fatty acid-binding protein 6; I-BABP; Ileal lipid-binding protein (ILBP); Intestinal 15 kDa protein (I-15P); FABP6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of FABP6. No significant cross-reactivity or interference between FABP6 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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

ADDITIONAL INFORMATION

Related Product Information for FABP6 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8393346
NCBI GeneID	25440
NCBI Accession #	NP_058794.1
NCBI GenBank Nucleotide #	NM_017098.1
UniProt Accession #	P80020
Molecular Weight	14,544 Da
NCBI Official Full Name	gastrotropin

NCBI Official Synonym Full Names	fatty acid binding protein 6
NCBI Official Symbol	Fabp6
NCBI Official Synonym Symbols	IBABP
NCBI Protein Information	gastrotropin
UniProt Protein Name	Gastrotropin
UniProt Gene Name	Fabp6
UniProt Synonym Gene Names	Ilbp; Illbp; GT; ILBP; I-15P

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/fabp6-gastrotropin-ibabp/250665>