

Chicken Fatty Acid Binding Protein 6, Ileal ELISA Kit | FABP6 elisa kit

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CATALOG #
AAA89957

REACTIVITY
Chicken

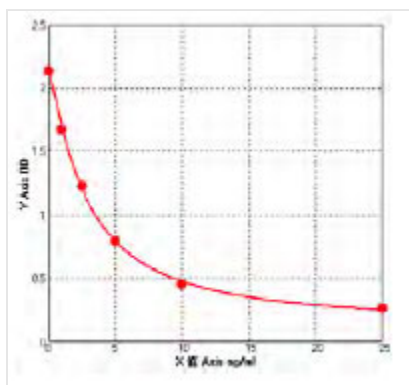
PRODUCT SYNONYMS

Fatty Acid Binding Protein 6; Ileal; Chicken Fatty Acid Binding Protein 6; Ileal ELISA Kit; FABP6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FABP6 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FABP6 elisa kit	Intended Uses: This FABP6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken FABP6. This ELISA kit for research use only! Principle of the Assay: FABP6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FABP6 antibody and an FABP6-HRP conjugate. The assay sample and buffer are incubated together with FABP6-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 FABP6 concentration since FABP6 from samples and FABP6-HRP conjugate compete for the anti-FABP6 antibody binding site. Since the number of sites is limited, as more sites are occupied by FABP6 from the sample, fewer sites are left to bind FABP6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FABP6 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for FABP6 elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	6691917
NCBI GeneID	2172
UniProt Accession #	P51161; Q07DR7; Q8TBI3; Q9UGI7; Q8IUB1
Molecular Weight	14,371 Da
NCBI Official Full Name	FABP6
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; intestinal 15 kDa protein; ileal lipid-binding protein; illeal lipid-binding protein; ileal bile acid binding 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://www.aaabiotech.com/fabp6-chicken-elisa-kits/fatty-acid-binding-protein-6-ileal/89957>