

Chicken Fatty acid-binding protein ELISA Kit | FABP elisa kit

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CATALOG #
AAA95405

REACTIVITY
Chicken

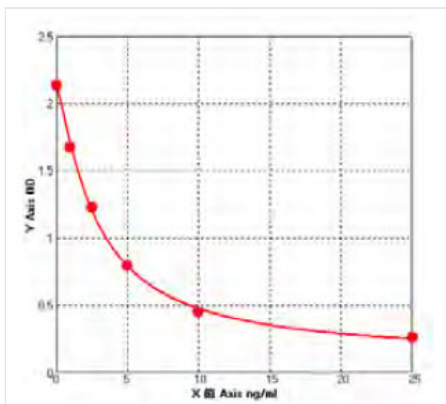
PRODUCT SYNONYMS

Fatty acid-binding protein; Chicken Fatty acid-binding protein ELISA Kit; FABP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of FABP1. No significant cross-reactivity or interference between FABP1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FABP1 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 FABP elisa kit	Intended Uses: This FABP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken FABP1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: FABP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FABP1 antibody and an FABP1-HRP conjugate. The assay sample and buffer are incubated together with FABP1-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 FABP1 concentration since FABP1 from samples and FABP1-HRP conjugate compete for the anti-FABP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by FABP1 from the sample, fewer sites are left to bind FABP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FABP1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for FABP elisa kit	Microbiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	45383728
NCBI GeneID	374015
NCBI Accession #	NP_989523.1
NCBI GenBank Nucleotide #	NM_204192.3
NCBI Official Full Name	fatty acid-binding protein, liver
NCBI Official Synonym Full Names	fatty acid binding protein 1, liver
NCBI Official Symbol	FABP1
NCBI Official Synonym Symbols	LFABP; L-FABP
NCBI Protein Information	fatty acid-binding protein, liver; liver fatty acid binding protein

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/fabp-chicken-elisa-kits/fatty-acid-binding-protein/95405>