

Monkey Fatty Acid Binding Protein 2, Intestinal ELISA Kit | FABP2 elisa kit

Monkey Fatty Acid Binding Protein 2, Intestinal ELISA Kit

CATALOG #
AAA16943

REACTIVITY
Monkey

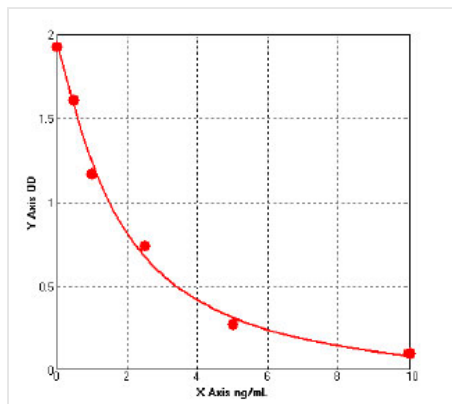
PRODUCT SYNONYMS

Fatty Acid Binding Protein 2; Intestinal; Monkey Fatty Acid Binding Protein 2; Intestinal ELISA Kit; FABP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of FABP2. No significant cross-reactivity or interference between FABP2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FABP2 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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 FABP2 elisa kit	Principle of the Assay: FABP2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FABP2 antibody and an FABP2-HRP conjugate. The assay sample and buffer are incubated together with FABP2-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 FABP2 concentration since FABP2 from samples and FABP2-HRP conjugate compete for the anti-FABP2 antibody binding site. Since the number of sites is limited, as more sites are occupied by FABP2 from the sample, fewer sites are left to bind FABP2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FABP2 concentration in each sample is interpolated from this standard curve. Intended Uses: This ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey FABP2. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	119594072
NCBI GeneID	2169
Molecular Weight	15,207 Da
NCBI Official Full Name	fatty acid binding protein 2, intestinal
NCBI Official Synonym Full Names	fatty acid binding protein 2, intestinal
NCBI Official Symbol	FABP2
NCBI Official Synonym Symbols	FABPI; I-FABP
NCBI Protein Information	fatty acid-binding protein, intestinal; fatty acid-binding protein 2; intestinal-type fatty acid-binding protein
UniProt Protein Name	Fatty acid-binding protein, intestinal
UniProt Gene Name	FABP2
UniProt Synonym Gene Names	FABPI; I-FABP
UniProt Entry Name	FABPI_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/fabp2-monkey-elisa-kits/fatty-acid-binding-protein-2-intestinal/16943>