

Pig fatty acid binding protein 2, intestinal ELISA Kit | FABP2 elisa kit

Pig intestinal fatty acid binding protein, iFABP ELISA Kit

CATALOG #
AAA79579

REACTIVITY
Pig

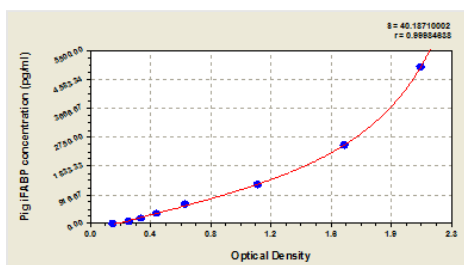
PRODUCT SYNONYMS

fatty acid binding protein 2; intestinal; Pig intestinal fatty acid binding protein; iFABP ELISA Kit; FABP1; I-FABP; MGC133132; intestinal fatty acid binding protein 2; FABP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of pig iFABP. No significant cross-reactivity or interference between pig iFABP and analogues was observed.
Sequence Length	132
Samples	serum, plasma
Assay Type	Quantitative Sandwich
Detection Range	78 pg/ml -5000 pg/ml
Sensitivity	<19.5 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FABP2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for iFABP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any iFABP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for iFABP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of iFABP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	72535172
NCBI GeneID	595106
NCBI Accession #	NP_001026950.1
NCBI GenBank Nucleotide #	NM_001031780.1
UniProt Accession #	Q45KW7; Q56G53
Molecular Weight	15,217 Da
NCBI Official Full Name	fatty acid-binding protein, intestinal
NCBI Official Symbol	FABP2
NCBI Official Synonym Symbols	I-FABP
NCBI Protein Information	fatty acid-binding protein, intestinal; fatty acid-binding protein 2; intestinal fatty acid binding protein; 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_PIG

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/fabp2-pig-elisa-kits/fatty-acid-binding-protein-2-intestinal/79579>