

Human fatty acid binding protein 4, adipocyte ELISA Kit | FABP4 elisa kit

Human fatty acid binding protein 4, FABP-4 ELISA Kit

CATALOG #
AAA80171

REACTIVITY
Human

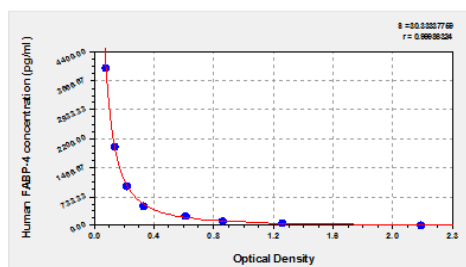
PRODUCT SYNONYMS

fatty acid binding protein 4; adipocyte; Human fatty acid binding protein 4; FABP-4 ELISA Kit; FABP-4 Elisa Kit; A-FABP; aP2; ; FABP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human FABP4. No significant cross-reactivity or interference between Human FABP4 and analogues was observed.
Sequence Length	132
Samples	Serum, plasma
Assay Type	Competitive
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	15.6 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Transport
Protein Biological Process 3	Transport
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 FABP4 elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with FABP-4. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for FABP-4. The competitive inhibition reaction is launched between with pre-coated FABP-4 and FABP-4 in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of FABP-4 in the samples. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557579
NCBI GeneID	2167
NCBI Accession #	NP_001433.1
NCBI GenBank Nucleotide #	NM_001442.2
UniProt Accession #	P15090; Q6IBA1
Molecular Weight	14,719 Da
NCBI Official Full Name	fatty acid-binding protein, adipocyte
NCBI Official Synonym Full Names	fatty acid binding protein 4, adipocyte
NCBI Official Symbol	FABP4
NCBI Official Synonym Symbols	aP2; ALBP; AFABP; A-FABP; HEL-S-104
NCBI Protein Information	fatty acid-binding protein, adipocyte; fatty acid-binding protein 4; adipocyte lipid-binding protein; epididymis secretory protein Li 104; adipocyte-type fatty acid-binding protein
UniProt Protein Name	Fatty acid-binding protein, adipocyte
UniProt Gene Name	FABP4
UniProt Synonym Gene Names	ALBP; A-FABP; AFABP
UniProt Entry Name	FABP4_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://stage.aaabiotech.com/fabp4-human-elisa-kits/fatty-acid-binding-protein-4-adipocyte/80171>