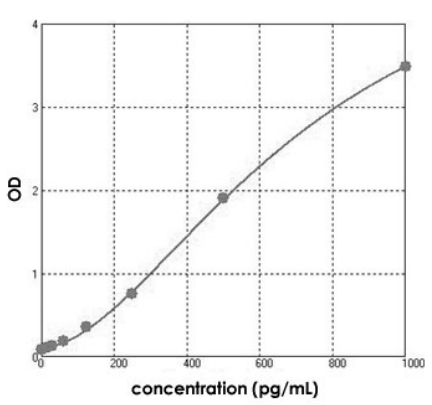
FABP3 (Human) ELISA Kit

Catalog # KA4903 Size 1 Kit

Applications



The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	FABP3 (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human FABP3.
Suitable Sample	Cell culture supernatant, Serum, Tissue homogenate
Sample Volume	100 uL (Prediluted)
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	15.6 to 1000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

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Storage Instruction	Store at 4°C for 4 months, or at -20°C for 8 months. Store HRP conjugated antibody at 2-8°C.

Applications

- Quantification

Gene Info — FABP3

Entrez GeneID	2170
Gene Name	FABP3
Gene Alias	FABP11, H-FABP, MDGI, O-FABP
Gene Description	fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor)
Omim ID	134651
Gene Ontology	Hyperlink
Gene Summary	The intracellular fatty acid-binding proteins (FABPs) belongs to a multigene family. FABPs are div ided into at least three distinct types, namely the hepatic-, intestinal- and cardiac-type. They form 14-15 kDa proteins and are thought to participate in the uptake, intracellular metabolism and/or tr ansport of long-chain fatty acids. They may also be responsible in the modulation of cell growth an d proliferation. Fatty acid-binding protein 3 gene contains four exons and its function is to arrest gr owth of mammary epithelial cells. This gene is a candidate tumor suppressor gene for human bre ast cancer. [provided by RefSeq
Other Designations	Fatty acid-binding protein 3, muscle|OTTHUMP00000003898|fatty acid binding protein 11|fatty ac id binding protein 3|mammary-derived growth inhibitor

Pathway

- PPAR signaling pathway

Disease

- Anorexia Nervosa
- Autistic Disorder

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- Bipolar Disorder
- Bulimia
- Cardiovascular Diseases
- Diabetes Mellitus
- Disease Susceptibility
- Edema
- Fractures
- Genetic Predisposition to Disease
- Hypertension
- Narcolepsy
- Schizophrenia

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