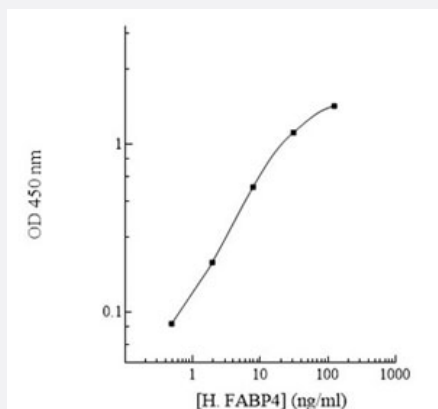


# FABP4 (Human) ELISA Kit

Catalog # KA6018

Size 1 Kit

## Applications



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

## Specification

|                                |                                                                                                                                                                                                   |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | FABP4 (Human) ELISA Kit is a competitive enzyme-linked immunosorbent assay for quantitative measurement of human FABP4 in plasma, serum, urine, cell culture, and cell lysate.                    |
| <b>Suitable Sample</b>         | plasma, serum, urine, cell culture, and cell lysate                                                                                                                                               |
| <b>Sample Volume</b>           | 50 $\mu$ L                                                                                                                                                                                        |
| <b>Label</b>                   | Peroxidase-conjugated                                                                                                                                                                             |
| <b>Detection Method</b>        | Colorimetric                                                                                                                                                                                      |
| <b>Assay Type</b>              | Quantitative                                                                                                                                                                                      |
| <b>Calibration Range</b>       | 0.488 to 125 ng/mL                                                                                                                                                                                |
| <b>Reactivity</b>              | Human                                                                                                                                                                                             |
| <b>Regulatory Status</b>       | For research use only (RUO)                                                                                                                                                                       |
| <b>Quality Control Testing</b> | Standard curve<br>The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed. |

## Storage Instruction

Store components of the kit at 4°C or -20°C as described in the protocol.

## Applications

- Quantification

## Gene Info — FABP4

Entrez GeneID [2167](#)

Protein Accession# [P15090](#)

Gene Name FABP4

Gene Alias A-FABP, aP2

Gene Description fatty acid binding protein 4, adipocyte

Omim ID [600434](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** FABP4 encodes the fatty acid binding protein found in adipocytes. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. [provided by RefSeq]

Other Designations -

## Pathway

- [PPAR signaling pathway](#)

## Disease

- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hypertriglyceridemia](#)
- [Insulin Resistance](#)
- [Lymphedema](#)
- [Metabolic Syndrome X](#)
- [Obesity](#)