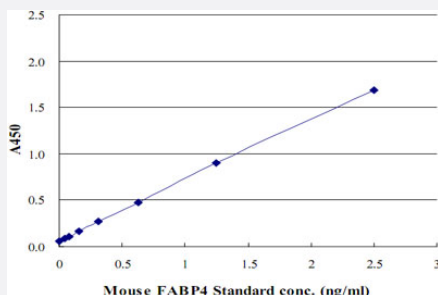


# Fabp4 (Mouse) ELISA Kit

Catalog # KA1056      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 (Mouse) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of mouse Fabp4 in serum, plasma, tissue culture medium, and other biological media.
<b>Suitable Sample</b>	Biological Medium, Plasma, Serum, Tissue Culture Medium
<b>Sample Volume</b>	100 uL (1:400 prediluted)
<b>Label</b>	HRP-conjugate
<b>Detection Method</b>	Colorimetric
<b>Assay Type</b>	Quantitative
<b>Intra-Assay</b>	2.87%
<b>Inter-Assay</b>	6.54%
<b>Spiking Recovery</b>	91.16%
<b>Calibration Range</b>	39 to 2500 pg/mL
<b>Limit of Detection</b>	34.4 pg/mL
<b>Reactivity</b>	Human, Mouse

Regulation Status	For research use only (RUO)
Quality Control Testing	Standard curve 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 the kit at 4°C away from light.

## Applications

- Quantification

## Gene Info — Fabp4

Entrez GeneID	<a href="#">11770</a>
Gene Name	Fabp4
Gene Alias	422/aP2, ALBP/Ap2, Ap2, Lbpl
Gene Description	fatty acid binding protein 4, adipocyte
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	O
Other Designations	adipocyte protein aP2 lipid binding protein-like

## Publication Reference

- [Adipocyte fatty acid-binding protein expression and lipid accumulation are increased during activation of murine macrophages by toll-like receptor agonists.](#)  
Kazemi MR, McDonald CM, Shigenaga JK, Grunfeld C, Feingold KR.  
Arteriosclerosis, Thrombosis, and Vascular Biology 2005 Jun; 25(6):1220.
- [Atorvastatin reduces CD68, FABP4, and HBP expression in oxLDL-treated human macrophages.](#)  
Llaverias G, Noe V, Penuelas S, Vazquez-Carrera M, Sanchez RM, Laguna JC, Ciudad CJ, Alegret M.  
Biochemical and Biophysical Research Communications 2004 May; 318(1):265.

- [Oxidized LDL induces the expression of ALBP/aP2 mRNA and protein in human THP-1 macrophages.](#)

Fu Y, Luo N, Lopes-Virella MF.

Journal of Lipid Research 2000 Dec; 41(12):2017.