

Rat FABP3 ELISA Kit | FABP3 elisa kit

Rat FABP3 PicoKine ELISA Kit

CATALOG #
AAA124989

REACTIVITY
Rat

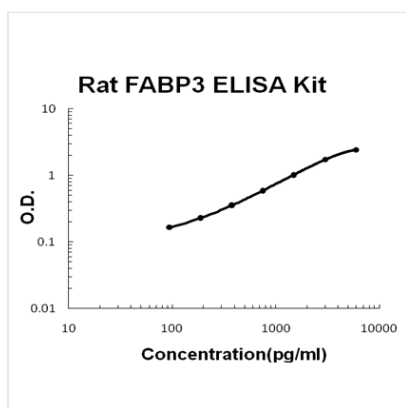
PRODUCT SYNONYMS

FABP3; Rat FABP3 PicoKine ELISA Kit; Rat FABP3; FABP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Natural and recombinant rat FABP3
Sequence Length	144
Assay Range	93.7pg/ml-6000pg/ml
Sensitivity	<10pg/ml
Capture Antibody	A monoclonal antibody from mouse.
Detection Antibody	A biotinylated polyclonal antibody from goat.
Intra/Inter Assay Precision	Sample: 1 2 3 1 2 3 n 16 16 16 24 24 24 Mean(pg/ml): 131 866 2555 124 868 2555 Standard Deviation: 6.02 54.55 158.41 7.19 60.76 181.4 CV(%): 4.6% 6.3% 6.2% 5.8% 7% 7.1%
Sample Data	Concentration (pg/ml): 0 93.7 187.5 375 750 1500 3000 6000 OD: 0.075 0.166 0.229 0.356 0.588 1.016 1.722 2.411

IMAGES



Standard Curve (Sample)

Rat FABP3 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for FABP3 elisa kit	Description: For quantitative detection of rat FABP3 in cell culture supernates, serum and plasma (heparin, EDTA). Background: Rat FABP3 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for FABP3 has been precoated onto 96-well plates. Standards (Expression system for standard: E Coli, Immunogen sequence: A2-A133) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for FABP3 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the rat FABP3 amount of sample captured in plate.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1004426878
NCBI GeneID	2170
NCBI Accession #	NP_001307925.1
NCBI GenBank Nucleotide #	NM_001320996.1
NCBI Official Full Name	fatty acid-binding protein, heart isoform 1
NCBI Official Synonym Full Names	fatty acid binding protein 3
NCBI Official Symbol	FABP3
NCBI Official Synonym Symbols	MDGI; FABP11; H-FABP; M-FABP; O-FABP
NCBI Protein Information	fatty acid-binding protein, heart

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/rat-elisa-kits/fabp3/124989>