

Mouse Folate receptor alpha ELISA Kit | FOLR1 elisa kit

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CATALOG #
AAA100850

REACTIVITY
Mouse

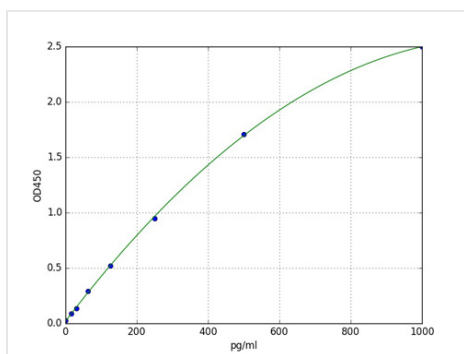
PRODUCT SYNONYMS

Folate receptor alpha; Mouse Folate receptor alpha ELISA Kit; FOLR1/FR-alpha/FBP/Folbp1/Adult folate-binding protein/FBP/folate binding protein/Folate receptor 1; FOLR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	257
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse FOLR1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.012	0.057	0.106	0.181	0.342	0.836	1.221	2.011

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FOLR1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse FOLR1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse FOLR1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were 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 Mouse FOLR1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse FOLR1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758400
NCBI GeneID	2348
NCBI Accession #	NP_000793.1
NCBI GenBank Nucleotide #	NM_000802.3
Molecular Weight	29,819 Da
NCBI Official Full Name	folate receptor alpha
NCBI Official Synonym Full Names	folate receptor 1 (adult)
NCBI Official Symbol	FOLR1
NCBI Official Synonym Symbols	FBP; FOLR
NCBI Protein Information	folate receptor alpha
UniProt Protein Name	Folate receptor alpha
UniProt Gene Name	FOLR1
UniProt Synonym Gene Names	FOLR; FR-alpha; FBP
UniProt Entry Name	FOLR1_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/folr1-mouse-elisa-kits/folate-receptor-alpha/100850>