

Mouse Thrombin activatable fibrinolysis inhibitor ELISA Kit | TAFI elisa kit

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CATALOG #
AAA100149

REACTIVITY
Mouse

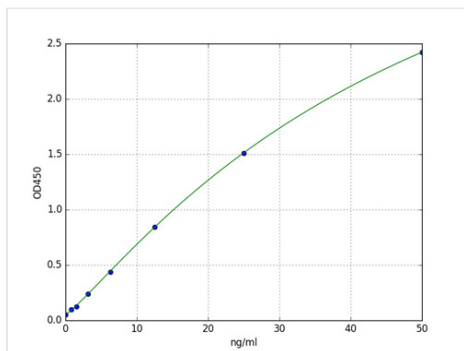
PRODUCT SYNONYMS

Thrombin activatable fibrinolysis inhibitor; Mouse Thrombin activatable fibrinolysis inhibitor ELISA Kit; TAFI/CPB2/CPU/carboxypeptidase B2/carboxypeptidase B2 (plasma)/carboxypeptidase B2 (plasma; carboxypeptidase U)/Carboxypeptidase U/CPUEC 3.4.17.20/EC 3.4.17/PCPB/pCPB/Plasma carboxypeptidase B/TAFIcarboxypeptidase B-like protein/Thrombin-activatable fibrinolysis inhibitor/thrombin-activatable fibrinolysis inhibitor; TAFI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	422
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/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 TAFI 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	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.045	0.077	0.140	0.232	0.494	0.836	1.761	2.237

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TAFI elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse TAFI antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse TAFI 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 TAFI amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse TAFI can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7416967
NCBI GeneID	56373
Molecular Weight	48,871 Da
NCBI Official Full Name	thrombin-activatable fibrinolysis inhibitor
NCBI Official Synonym Full Names	carboxypeptidase B2 (plasma)
NCBI Official Symbol	Cpb2
NCBI Official Synonym Symbols	CPR; Cpu; TAFI; AI255929; 1110032P04Rik; 4930405E17Rik
NCBI Protein Information	carboxypeptidase B2
UniProt Protein Name	Carboxypeptidase B2
UniProt Gene Name	Cpb2
UniProt Synonym Gene Names	Tafi; CPR; CPU; TAFI
UniProt Entry Name	CBPB2_MOUSE

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/tafi-mouse-elisa-kits/thrombin-activatable-fibrinolysis-inhibitor/100149>