

Human Thrombin Activatable Fibrinolysis Inhibitor (TAFI) ELISA Kit | TAFI elisa kit

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CATALOG #
AAA183691

REACTIVITY
Human

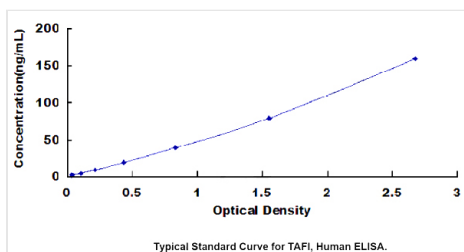
PRODUCT SYNONYMS

Thrombin Activatable Fibrinolysis Inhibitor (TAFI); Human Thrombin Activatable Fibrinolysis Inhibitor (TAFI) ELISA Kit; CPB2; CPU; PCPB; Carboxypeptidase B2; Plasma Carboxypeptidase B; Carboxypeptidase U; TAFI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TAFI. No significant cross-reactivity or interference between TAFI and analogues was observed.
Sequence Length	3
Assay Type	Quantitative Sandwich
Samples	Human plasma
Detection Range	2.5-160ng/mL
Sensitivity	< 0.9ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TAFI were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TAFI were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TAFI elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to TAFI. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to TAFI. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TAFI, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of TAFI in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TAFI in human plasma.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	155624338
NCBI GeneID	56373
Molecular Weight	48,871 Da
NCBI Official Full Name	thrombin activatable fibrinolysis inhibitor, partial
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

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/human-elisa-kits/thrombin-activatable-fibrinolysis-inhibitor-tafi/183691>