

Human carboxypeptidase B2 (plasma) ELISA Kit | CPB2 elisa kit

Human Thrombin activatable fibrinolysis inhibitor, TAFI ELISA Kit

CATALOG #
AAA80246

REACTIVITY
Human

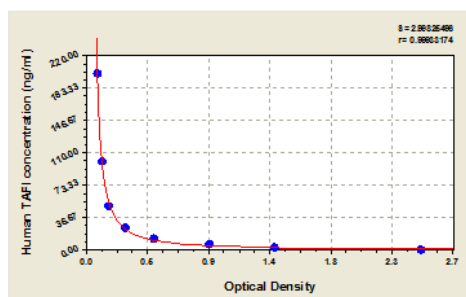
PRODUCT SYNONYMS

carboxypeptidase B2 (plasma); Human Thrombin activatable fibrinolysis inhibitor; TAFI ELISA Kit; CPU; PCPB; TAFI; carboxypeptidase B-like protein; carboxypeptidase B2 (plasma; carboxypeptidase U) ; carboxypeptidase U; plasma carboxypeptidase B2; thrombin-activable fibrinolysis inhibitor; thrombin-act; CPB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human TAFI. No significant cross-reactivity or interference between human TAFI and analogues was observed.
Sequence Length	386
Samples	Plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	31.25 ng/ml-2000 ng/ml
Sensitivity	< 7.81 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CPB2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TAFI has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TAFI present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TAFI is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TAFI bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	513126877
NCBI GeneID	1361
NCBI Accession #	NP_001265470.1
NCBI GenBank Nucleotide #	NM_001278541.1
UniProt Accession #	Q96IY4; Q15114; Q5T9K1; Q5T9K2; Q9P2Y6; A8K464
Molecular Weight	48,424 Da
NCBI Official Full Name	carboxypeptidase B2 isoform 2 preproprotein
NCBI Official Synonym Full Names	carboxypeptidase B2 (plasma)
NCBI Official Symbol	CPB2
NCBI Official Synonym Symbols	CPU; PCPB; TAFI
NCBI Protein Information	carboxypeptidase B2; carboxypeptidase R; carboxypeptidase B-like protein; thrombin-activable fibrinolysis inhibitor; thrombin-activatable fibrinolysis inhibitor; carboxypeptidase B2 (plasma, carboxypeptidase U)
UniProt Protein Name	Carboxypeptidase B2
UniProt Gene Name	CPB2
UniProt Synonym Gene Names	CPU; pCPB; TAFI
UniProt Entry Name	CBPB2_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/cpb2-human-elisa-kits/carboxypeptidase-b2-plasma/80246>