

Human TAFI ELISA Kit | CPB2 elisa kit

Human TAFI Antigen ELISA Kit

CATALOG #
AAA37869

REACTIVITY
Human

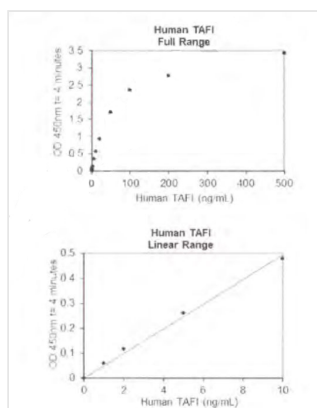
PRODUCT SYNONYMS

TAFI; Human TAFI Antigen ELISA Kit; CPB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	These studies are currently in progress. Please contact us for more information.
Sequence Length	423
Sensitivity	0.06 ng/ml
Intra-assay Precision	These studies are currently in progress. Please contact us for more information.
Inter-assay Precision	These studies are currently in progress. Please contact us for more information.
Preparation and Storage	Store at 4 degree C Expiration: 12 months from manufacture, see label for expiration date. Shipping: Cold pack

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CPB2 elisa kit	Background: TAFI, also known as carboxypeptidase B2 (PCB2), plasma carboxypeptidase-B (pCB), and carboxypeptidase-U (CPU), is a 401 amino acid 58 kDa plasma glycoprotein that is activated by thrombin. Activated TAFI (TAFIa) cleaves fibrin carboxy-terminal lysines reducing plasminogen and tPA binding sites resulting in downregulation of fibrinolysis [1]. Although mice made genetically deficient for TAFI do not show a marked phenotype, change in human plasma TAFI level has been associated with many cardiovascular disorders [2-4]. Principle of the Assay: Human TAFI will bind to the affinity purified capture antibody coated on the microtiter plate. TAFI and TAFIa will react with the antibody on the plate. After appropriate washing steps, biotinylated primary antibody binds to the captured protein. Excess primary antibody is washed away and bound antibody is reacted with horseradish peroxidase conjugated streptavidin. TMB substrate is used for color development at 450nm. A standard calibration curve is prepared along with the samples to be measured using dilutions of human TAFI. Color development is directly proportional to the concentration of total TAFI in the samples Intended Uses: This human thrombin activatable fibrinolysis inhibitor (TAFI) antigen assay is intended for the quantitative determination of total TAFI antigen in human plasma and serum. For research use only.
Product Categories/Family for CPB2 elisa kit	ELISA kits; Plasma Proteins; Human Plasma Inhibitors

NCBI AND UNIPROT INFORMATION

NCBI GI #	126273569
NCBI GeneID	1361
NCBI Accession #	NP_001863.2
NCBI GenBank Nucleotide #	NP_001863.2
UniProt Accession #	Q96IY4
NCBI Official Full Name	carboxypeptidase B2 preproprotein
NCBI Official Synonym Full Names	carboxypeptidase B2
NCBI Official Symbol	CPB2
NCBI Official Synonym Symbols	CPU; PCPB; TAFI
NCBI Protein Information	carboxypeptidase B2
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.