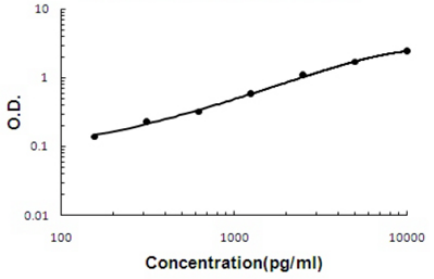
CPB2 (Human) ELISA Kit

Catalog # KA5152 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	CPB2 (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for quantitative detecti on of human CPB2 in cell culture supernates, cell lysates, serum and plasma (heparin, EDTA).
Suitable Sample	Cell culture supernates, cell lysates, serum and plasma (heparin, EDTA)
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10000 pg/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknown s. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for six months. For long term storage store at -20°C. Avoid repeated freezing and thawing.

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Applications

- Quantification

Gene Info — CPB2

Entrez GeneID	1361
Gene Name	CPB2
Gene Alias	CPU, PCPB, TAFI
Gene Description	carboxypeptidase B2 (plasma)
Omim ID	603101
Gene Ontology	Hyperlink
Gene Summary	Carboxypeptidases are enzymes that hydrolyze C-terminal peptide bonds. The carboxypeptidase family includes metallo-, serine, and cysteine carboxypeptidases. According to their substrate specificity, these enzymes are referred to as carboxypeptidase A (cleaving aliphatic residues) or carboxypeptidase B (cleaving basic amino residues). The protein encoded by this gene is activated by trypsin and acts on carboxypeptidase B substrates. After thrombin activation, the mature protein downregulates fibrinolysis. Polymorphisms have been described for this gene and its promoter region. Available sequence data analyses indicate splice variants that encode different isoforms. [provided by RefSeq
Other Designations	OTTHUMP00000018364|OTTHUMP00000018365|bA139H14.2 (carboxypeptidase B2 (plasma))|carboxypeptidase B-like protein|carboxypeptidase B2 (plasma, carboxypeptidase U)|carboxypeptidase U|plasma carboxypeptidase B2|thrombin-activable fibrinolysis inhibitor|thromb

Pathway

- Complement and coagulation cascades

Disease

- Abortion
- Aneurysm
- Angina Pectoris

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- Antiphospholipid Syndrome
- Behcet Syndrome
- Brain Ischemia
- Cadaver
- Carcinoma
- Cardiovascular Diseases
- Cerebral Infarction
- Coronary Artery Disease
- Coronary Disease
- Death
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hemorrhage
- Hemorrhagic Disorders
- Hepatic Vein Thrombosis
- Hypertension
- Inflammation
- Intracranial Arteriosclerosis
- Kidney Failure
- Metabolic Syndrome X
- Mouth Neoplasms
- Myocardial Infarction
- Ovarian cancer
- Ovarian Neoplasms
- Placenta Diseases

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- Pre-Eclampsia
- Pregnancy Complications
- Recurrence
- Renal Insufficiency
- Stroke
- Subarachnoid Hemorrhage
- Thrombophilia
- Thrombosis
- Tobacco Use Disorder
- Venous Thrombosis
- Werner syndrome

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