

ARG83264 Human CPB1 / Carboxypeptidase B ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83264 Human CPB1 / Carboxypeptidase B ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CPB1 / Carboxypeptidase B in Serum, Plasma and Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	CPB1 / Carboxypeptidase B
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	13 pg/ml
Detection Range	312 pg/ml - 20,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 6.2% Inter-Assay CV: 6.1%
Alternate Names	Pancreas-specific protein; EC 3.4.17.2; Carboxypeptidase B; CPB; PASP; PCPB

Application Instructions

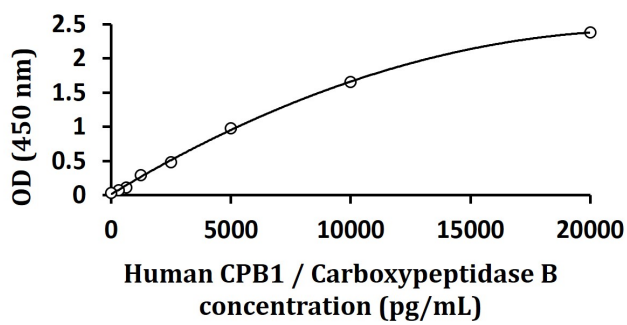
Assay Time	~ 5 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CPB1
Gene Full Name	carboxypeptidase B1 (tissue)
Background	Three different procarboxypeptidases A and two different procarboxypeptidases B have been isolated. The B1 and B2 forms differ from each other mainly in isoelectric point. Carboxypeptidase B1 is a highly tissue-specific protein and is a useful serum marker for acute pancreatitis and dysfunction of pancreatic transplants. It is not elevated in pancreatic carcinoma. [provided by RefSeq, Jul 2008]
Cellular Localization	Secreted. [UniProt]



ARG83264 Human CPB1 / Carboxypeptidase B ELISA Kit standard curve image

ARG83264 Human CPB1 / Carboxypeptidase B ELISA Kit results of a typical standard run with optical density reading at 450 nm.