

ARG82405 Human Carboxypeptidase A2 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82405-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82405-002	Standard	2 X 10 ng/vial	4°C
ARG82405-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82405-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82405-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82405-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82405-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82405-008	25X Wash buffer	20 ml	4°C
ARG82405-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82405-010	STOP solution	10 ml (Ready to use)	4°C
ARG82405-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82405 Human Carboxypeptidase A2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Carboxypeptidase A2 in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	Carboxypeptidase A2
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	46.8 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	93.7 - 6000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 4.7% Inter-Assay CV: 7.1%

Alternate Names	Carboxypeptidase A2; EC 3.4.17.15
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Application Instructions

Assay Time	~ 5 hours
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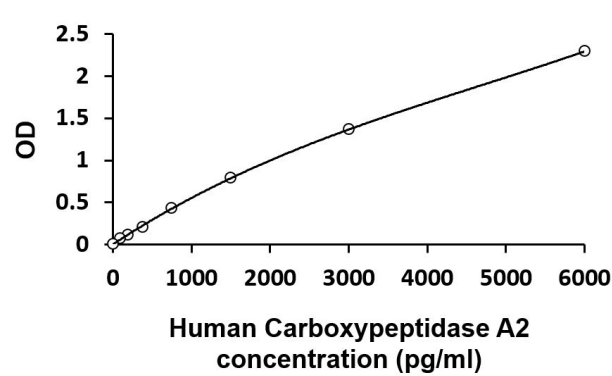
Properties

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	CPA2
Gene Full Name	carboxypeptidase A2 (pancreatic)
Background	Three different forms of human pancreatic procarboxypeptidase A have been isolated. The encoded protein represents the A2 form, which is a monomeric protein with different biochemical properties from the A1 and A3 forms. The A2 form of pancreatic procarboxypeptidase acts on aromatic C-terminal residues and is a secreted protein. [provided by RefSeq, Dec 2008]
Highlight	Related products: Carboxypeptidase antibodies ; Carboxypeptidase ELISA Kits ; Carboxypeptidase recombinant proteins ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Cellular Localization	Secreted. [UniProt]

Images



ARG82405 Human Carboxypeptidase A2 ELISA Kit standard curve image

ARG82405 Human Carboxypeptidase A2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.