

ARG82426 Human CA6 / Carbonic Anhydrase 6 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82426-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82426-002	Standard	2 X 10 ng/vial	4°C
ARG82426-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82426-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82426-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82426-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82426-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82426-008	25X Wash buffer	20 ml	4°C
ARG82426-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82426-010	STOP solution	10 ml (Ready to use)	4°C
ARG82426-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82426 Human CA6 / Carbonic Anhydrase 6 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CA6 / Carbonic Anhydrase 6 in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	CA6 / Carbonic Anhydrase 6
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 5.4%

Inter-Assay CV: 6.2%

Alternate Names

Salivary carbonic anhydrase; GUSTIN; Secreted carbonic anhydrase; EC 4.2.1.1; Carbonic anhydrase VI; Carbonate dehydratase VI; CA-VI; Carbonic anhydrase 6

Application Instructions

Assay Time ~ 5 hours

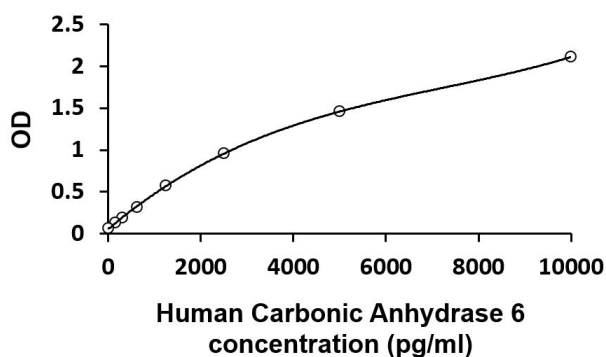
Properties

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	CA6
Gene Full Name	carbonic anhydrase VI
Background	The protein encoded by this gene is one of several isozymes of carbonic anhydrase. This protein is found only in salivary glands and saliva and protein may play a role in the reversible hydration of carbon dioxide though its function in saliva is unknown. [provided by RefSeq, Jul 2008]
Function	Reversible hydration of carbon dioxide. Its role in saliva is unknown. [UniProt]
Highlight	Related products: Carbonic Anhydrase antibodies ; Carbonic Anhydrase ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Cellular Localization	Secreted. [UniProt]

Images



ARG82426 Human CA6 / Carbonic Anhydrase 6 ELISA Kit standard curve image

ARG82426 Human CA6 / Carbonic Anhydrase 6 ELISA Kit results of a typical standard run with optical density reading at 450 nm.