

ARG83233 Human CA13 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83233 Human CA13 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CA13 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	CA13
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15 pg/ml
Detection Range	156 pg/ml - 10,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 4.6% Inter-Assay CV: 5.4%
Alternate Names	CA13; Carbonic Anhydrase 13; Carbonic Anhydrase XIII; CAXIII; Carbonate Dehydratase XIII; EC 4.2.1.1; FLJ37995; MGC59868; CA-XIII

Application Instructions

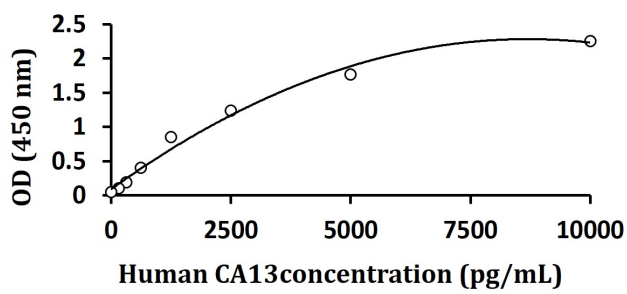
Assay Time	~ 5 hours
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Properties

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	CA13
Gene Full Name	Carbonic Anhydrase 13
Background	Predicted to enable carbonate dehydratase activity. Predicted to be involved in one-carbon metabolic process. Predicted to be located in intracellular membrane-bounded organelle and myelin sheath. Predicted to be active in cytosol.
Function	Reversible hydration of carbon dioxide.



ARG83233 Human CA13 ELISA Kit standard curve image

ARG83233 Human CA13 ELISA Kit results of a typical standard run with optical density reading at 450 nm.