



Human Carbonic anhydrase 1(CA1) ELISA kit

Product Code	CSB-EL004364HU
Abbreviation	CA1
Target Name	carbonic anhydrase I
Uniprot No.	P00915
Alias	Car1, carbonic dehydratase
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates
Detection Range	3.12 pg/mL-200 pg/mL
Sensitivity	0.78 pg/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Others
Gene Names	CA1
Tag Info	quantitative
Protein Description	Sandwich
Target Details	Carbonic anhydrases (CAs) are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. They participate in a variety of biological processes, including respiration, calcification, acid-base balance, bone resorption, and the formation of aqueous humor, cerebrospinal fluid, saliva, and gastric acid. They show extensive diversity in tissue distribution and in their subcellular localization. CA1 is closely linked to CA2 and CA3 genes on chromosome 8, and it encodes a cytosolic protein which is found at the highest level in erythrocytes. Variants of this gene have been described in some populations. Multiple alternatively spliced variants, encoding the same protein, have been identified. Transcript variants of CA1 utilizing alternative polyA_sites have been described in literature.
Product Precision	
Linearity	
Recovery	
Typical	
Msds	{"0":{"fileurl":"https://www.cusabio.com/uploadfile/msds/MSDS CSB-



EL004364HU.pdf", "filename": "MSDS"}}}