



Mouse Carbonic anhydrase 3(CA3) ELISA kit

Product Code	CSB-EL004371MO
Abbreviation	CA3
Target Name	carbonic anhydrase III, muscle specific
Uniprot No.	P16015
Alias	CAIII, Car3, carbonic anhydrase III
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Sample Types	serum, plasma, tissue homogenates
Detection Range	4.69 pg/mL-300 pg/mL
Sensitivity	1.17 ng/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	Cell Biology
Gene Names	Ca3
Tag Info	quantitative
Protein Description	Sandwich
Description	<p>This Mouse CA3 ELISA Kit was designed for the quantitative measurement of Mouse CA3 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 4.69 pg/mL-300 pg/mL and the sensitivity is 1.17 ng/mL.</p>
Target Details	<p>Carbonic anhydrase III (CAIII) is a member of a multigene family (at least six separate genes are known) that encodes carbonic anhydrase isozymes. These carbonic anhydrases are a class of metalloenzymes that catalyze the reversible hydration of carbon dioxide and are differentially expressed in a number of cell types. The expression of the CA3 gene is strictly tissue specific and present at high levels in skeletal muscle and much lower levels in cardiac and smooth muscle. A proportion of carriers of Duchenne muscle dystrophy have a higher CA3 level than normal. The gene spans 10.3 kb and contains seven exons and six introns.</p>
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