Mouse Carbonic Anhydrase-Related Protein, Ca8 ELISA Kit | Ca8 elisa kit

Mouse Carbonic Anhydrase-Related Protein, Ca8 Primacu ELISA Kit

CATALOG #	REACTIVITY
AAA124278	**Mouse**

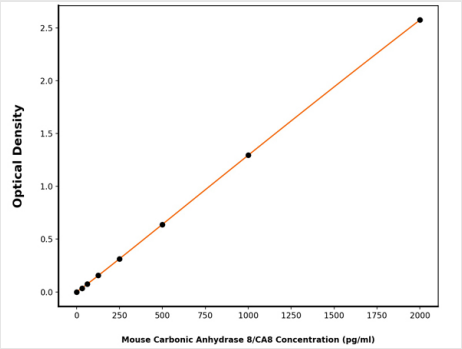
PRODUCT SYNONYMS

Carbonic Anhydrase-Related Protein; Ca8; Mouse Carbonic Anhydrase-Related Protein; Ca8 Primacu ELISA Kit; Carbonic anhydrase-related protein; Carbonic Anhydrase 8; Cals; Cals1; Car8; Carp; Ca8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	31.25-2000pg/mL
Sensitivity	6.03pg/mL
Standard Solution	20ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)
Typical Testing Data/Standard Curve (for reference only

ADDITIONAL INFORMATION

Related Product Information for Ca8 elisa kit	The carbonic anhydrases (or carbonate dehydratases) are classified as metalloenzyme for its zinc ion prosthetic group and form a family of enzymes that catalyze the rapid interconversion of carbon dioxide and water to bicarbonate and protons, a reversible reaction that takes part in maintaining acid-base balance in blood and other tissues. The carbonic anhydrasekl (CA) family consists of at least 11 enzymatically active members and a few inactive homologous proteins. Carbonic anhydrase protein (CA) VIII, which is a member of the CA gene family, has been shown to have no catalytic CA activity and its biological function is still unknown. Increased expression of CA-RP VIII was observed in 78% of colorectal carcinomas. It suggested that CA-RP VIII plays a role in the process of invasion in colorectal cancer.

Product Categories/Family for Ca8 elisa kit	Primacu ELISA Kit; Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	85362731
NCBI GeneID	12319
NCBI Accession #	NP_031618.2
NCBI GenBank Nucleotide #	NM_007592.3
UniProt Accession #	P28651; Q8CF58; Q91XF6
Molecular Weight	33,081 Da
NCBI Official Full Name	carbonic anhydrase-related protein
NCBI Official Synonym Full Names	carbonic anhydrase 8
NCBI Official Symbol	Car8
NCBI Official Synonym Symbols	Ca8; wdl; Cals; Carp; Cals1; AW546993
NCBI Protein Information	carbonic anhydrase-related protein
UniProt Protein Name	Carbonic anhydrase-related protein
UniProt Gene Name	**Ca8**
UniProt Synonym Gene Names	Cals; Cals1; Car8; Carp; CARP; CA-VIII

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/mouse-elisa-kits/carbonic-anhydrase-related-protein-ca8/124278