

Human CAPS ELISA Kit | CAPS elisa kit

Human CAPS (Calcyphosine) ELISA Kit

CATALOG #
AAA164314

REACTIVITY
Human

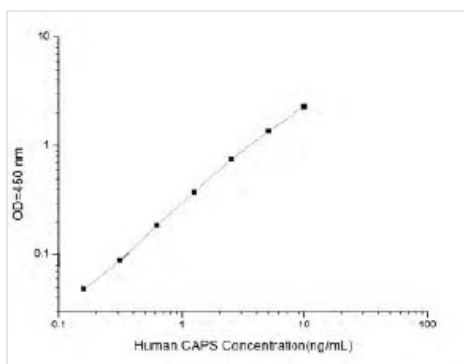
PRODUCT SYNONYMS

CAPS; Human CAPS (Calcyphosine) ELISA Kit; CAPS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human CA9 in samples. No Significant cross-reactivity or interference between Human CA9 and analogues was observed.
Sequence Length	1353
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	15.63-1000 pg/mL
Sensitivity	9.38 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human CA9 were tested 20 times on one plate, respectively
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human CA9 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CAPS elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human CA9 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human CA9. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human CA9 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human CA9, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human CA9. You can calculate the concentration of Human CA9 in the samples by comparing the OD of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	34452715
NCBI GeneID	8618
NCBI Accession #	NP_003707.2
NCBI GenBank Nucleotide #	NM_003716.3
UniProt Accession #	Q9ULU8; Q13339; Q6GQQ6; Q8N2Z5; Q8N3M7; Q8NFR0; Q96BC2; A6NF60
Molecular Weight	50,236 Da
NCBI Official Full Name	calcium-dependent secretion activator 1 isoform 1
NCBI Official Synonym Full Names	Ca++-dependent secretion activator
NCBI Official Symbol	CADPS
NCBI Official Synonym Symbols	CAPS; CAPS1; CADPS1
NCBI Protein Information	calcium-dependent secretion activator 1; CAPS-1; Ca2+-dependent activator protein for secretion; Ca2+-dependent secretion activator; Ca2+-regulated cytoskeletal protein; calcium-dependent activator protein for secretion 1
UniProt Protein Name	Calcium-dependent secretion activator 1
UniProt Gene Name	CADPS
UniProt Synonym Gene Names	CAPS; CAPS1; KIAA1121; CAPS-1
UniProt Entry Name	CAPS1_HUMAN

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.