

Mouse Cathelicidin Antimicrobial Peptide (CAMP) ELISA Kit | CAMP elisa kit

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CATALOG #
AAA147235

REACTIVITY
Mouse

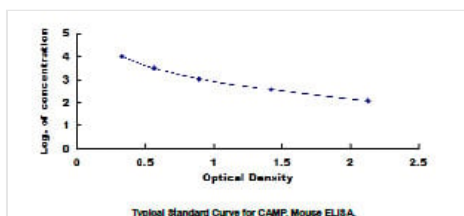
PRODUCT SYNONYMS

Cathelicidin Antimicrobial Peptide (CAMP); Mouse Cathelicidin Antimicrobial Peptide (CAMP) ELISA Kit; CAP18; FALL39; HSD26; LL37; 18 kDa Cationic Antimicrobial Protein; Antibacterial protein FALL-39; FALL-39 peptide antibiotic; CAMP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CAMP. No significant cross-reactivity or interference between CAMP and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between CAMP and all the analogues, therefore, cross reaction may still exist.
Sequence Length	172
Assay Type	Competitive Inhibition
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	123.5-10000ng/mL
Sensitivity	52.2ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CAMP were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CAMP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CAMP elisa kit	Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of CAMP in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. An antibody specific to CAMP has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled CAMP and unlabeled CAMP (Standards or samples) with the pre-coated antibody specific to CAMP. After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of CAMP in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of CAMP in the sample.
Product Categories/Family for CAMP elisa kit	Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	226423895
NCBI GeneID	12796
NCBI Accession #	NP_034051.2
NCBI GenBank Nucleotide #	NM_009921.2
UniProt Accession #	P51437; Q0VB78
Molecular Weight	19,453 Da
NCBI Official Full Name	cathelicidin antimicrobial peptide
NCBI Official Synonym Full Names	cathelicidin antimicrobial peptide
NCBI Official Symbol	Camp
NCBI Official Synonym Symbols	Cnlp; MCLP; CAP18; Cramp; FALL39
NCBI Protein Information	cathelicidin antimicrobial peptide
UniProt Protein Name	Cathelicidin antimicrobial peptide
UniProt Gene Name	Camp
UniProt Synonym Gene Names	Cramp

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://stage.aaabiotech.com/mouse-elisa-kits/cathelicidin-antimicrobial-peptide-camp/147235>