

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

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CATALOG #
AAA69516

REACTIVITY
Mouse

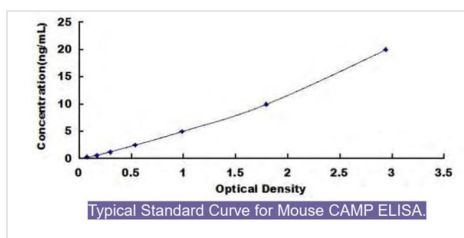
PRODUCT SYNONYMS

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 rtu 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.
Sequence Length	172
Assay Type	Quantitative Sandwich
Samples	Mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.129ng/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	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CAMP rtu elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CAMP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CAMP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CAMP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of CAMP in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of CAMP in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids.
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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-rtu-elisa-kits/cathelicidin-antimicrobial-peptide-camp/69516>