

Mouse Cathelicidin antimicrobial peptide ELISA Kit | CAMP elisa kit

Mouse Cathelicidin antimicrobial peptide (CAMP) ELISA Kit

CATALOG # AAA55421	REACTIVITY Mouse
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PRODUCT SYNONYMS

Cathelicidin antimicrobial peptide; Mouse Cathelicidin antimicrobial peptide (CAMP) ELISA Kit; CAMP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse CAMP. No significant cross-reactivity or interference between Mouse CAMP and analogues was observed.
Sequence Length	170
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for CAMP elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate CAMP in samples. An antibody specific for CAMP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyCAMP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CAMP is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CAMP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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://www.aaabiotech.com/camp-mouse-elisa-kits/cathelicidin-antimicrobial-peptide/55421>