

Human cathelicidin antimicrobial peptide ELISA Kit | CAMP elisa kit

Human Cathelicidin antimicrobial peptide, CAMP ELISA Kit

CATALOG #
AAA18237

REACTIVITY
Human

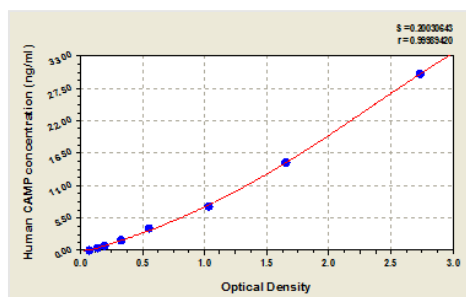
PRODUCT SYNONYMS

cathelicidin antimicrobial peptide; Human Cathelicidin antimicrobial peptide; CAMP ELISA Kit; Human Cathelicidin antimicrobial peptide (CAMP) ELISA kit; CAP18; CRAMP; FALL-39; FALL39; HSD26; LL37; ; CAMP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CAMP. No significant cross-reactivity or interference between human CAMP and analogues was observed.
Sequence Length	173
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.45 ng/ml-30 ng/ml
Sensitivity	< 0.11 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CAMP elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CAMP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CAMP 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, avidin 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 #	348041314
NCBI GeneID	820
NCBI Accession #	NP_004336.3
NCBI GenBank Nucleotide #	NM_004345.4
UniProt Accession #	P49913; Q71SN9
Molecular Weight	19,301 Da
NCBI Official Full Name	cathelicidin antimicrobial peptide preproprotein
NCBI Official Synonym Full Names	cathelicidin antimicrobial peptide
NCBI Official Symbol	CAMP
NCBI Official Synonym Symbols	LL37; CAP18; CRAMP; HSD26; CAP-18; FALL39; FALL-39
NCBI Protein Information	cathelicidin antimicrobial peptide; 18 kDa cationic antimicrobial protein
UniProt Protein Name	Cathelicidin antimicrobial peptide
UniProt Gene Name	CAMP
UniProt Synonym Gene Names	CAP18; FALL39; HSD26; CAP-18; hCAP-18
UniProt Entry Name	CAMP_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.

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Online datasheet: <https://stage.aaabiotech.com/camp-human-elisa-kits/cathelicidin-antimicrobial-peptide/18237>