

Bovine Cathelicidin-1 ELISA Kit | CATHL1 elisa kit

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CATALOG # AAA57161	REACTIVITY Bovine
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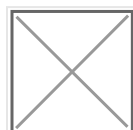
PRODUCT SYNONYMS

Cathelicidin-1; Bovine Cathelicidin-1 ELISA Kit; Bactenecin-1; Bac1; Cyclic dodecapeptide; CATHL1; BAC1; CATHL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	Recombinant and natural Bovine Cathelicidin-1
Sequence Length	155
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.068 ng/mL
Intra-assay Precision	<=4.5%
Inter-assay Precision	<=7.9%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CATHL1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27807341
NCBI GeneID	282164

NCBI Accession #	NP_777250.1
NCBI GenBank Nucleotide #	NM_174825.1
UniProt Accession #	P22226 ; Q24JY5 ; A5PJA3
Molecular Weight	17,600 Da
NCBI Official Full Name	cathelicidin-1
NCBI Official Symbol	CATHL1
NCBI Protein Information	cathelicidin-1
UniProt Protein Name	Cathelicidin-1
UniProt Gene Name	CATHL1
UniProt Synonym Gene Names	BAC1; Bac1
UniProt Entry Name	CTHL1_BOVIN

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/cathl1-bovine-ovine-elisa-kits/cathelicidin-1/57161>