

General CecA ELISA Kit | CecA elisa kit

CecA (Cecropin A) ELISA Kit

CATALOG #
AAA163546

REACTIVITY
General

PRODUCT SYNONYMS

CecA; CecA (Cecropin A) ELISA Kit; CecA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This kit recognizes CecA in samples. No significant cross-reactivity or interference between CecA and analogues was observed.
Sequence Length	63
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	78.13-5000pg/mL
Sensitivity	46.88pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level CecA were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level CecA were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for CecA elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of CecA concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with CecA. During the reaction, CecA in the sample or standard competes with a fixed amount of CecA on the solid phase supporter for sites on the Biotinylated Detection Ab specific to CecA. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of CecA in the samples is then determined by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	112984270
NCBI GeneID	693029
NCBI Accession #	NP_001037462.1
NCBI GenBank Nucleotide #	NM_001043997.1

UniProt Accession #	Q27239
Molecular Weight	6,762 Da
NCBI Official Full Name	cecropin-A
NCBI Official Symbol	CecA
NCBI Official Synonym Symbols	Pbca-1
NCBI Protein Information	cecropin-A
UniProt Protein Name	Cecropin-A
UniProt Gene Name	CECA
UniProt Entry Name	CECA_BOMMO

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/general-elisa-kits/ceca/163546>