

Human Endothelin Converting Enzyme 2 (ECE2) ELISA Kit | ECE2 elisa kit

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CATALOG #
AAA182380

REACTIVITY
Human

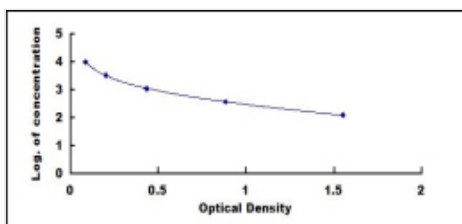
PRODUCT SYNONYMS

Endothelin Converting Enzyme 2 (ECE2); Human Endothelin Converting Enzyme 2 (ECE2) ELISA Kit; Methyltransferase-like region; ECE2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Endothelin Converting Enzyme 2 (ECE2). No significant cross-reactivity or interference between Endothelin Converting Enzyme 2 (ECE2) and analogues was observed.
Sequence Length	736
Assay Type	Competitive Inhibition
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	123.46-1000pg/mL
Sensitivity	< 45.9pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Endothelin Converting Enzyme 2 (ECE2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Endothelin Converting Enzyme 2 (ECE2) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ECE2 elisa kit	This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Endothelin Converting Enzyme 2 (ECE2) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Endothelin Converting Enzyme 2 (ECE2) and unlabeled Endothelin Converting Enzyme 2 (ECE2) (Standards or samples) with the pre-coated antibody specific to Endothelin Converting Enzyme 2 (ECE2). After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of Endothelin Converting Enzyme 2 (ECE2) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Endothelin Converting Enzyme 2 (ECE2) in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148745743
NCBI GeneID	9718
Molecular Weight	91,211 Da
NCBI Official Full Name	Endothelin converting enzyme 2
NCBI Official Synonym Full Names	endothelin converting enzyme 2
NCBI Official Symbol	ECE2
NCBI Protein Information	endothelin-converting enzyme 2
UniProt Protein Name	Endothelin-converting enzyme 2
UniProt Gene Name	ECE2
UniProt Synonym Gene Names	KIAA0604; ECE-2

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/human-elisa-kits/endothelin-converting-enzyme-2-ece2/182380>