

Human ECE1 ELISA Kit | ECE1 elisa kit

Human ECE1 (Endothelin Converting Enzyme 1) ELISA Kit

CATALOG #
AAA165142

REACTIVITY
Human

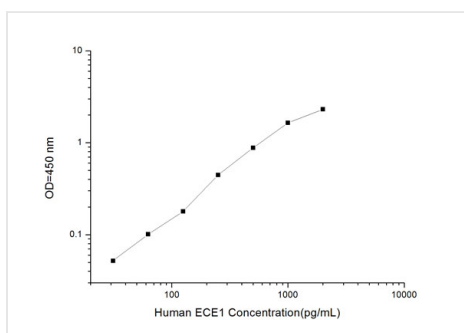
PRODUCT SYNONYMS

ECE1; Human ECE1 (Endothelin Converting Enzyme 1) ELISA Kit; ECE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human ECE1. No significant cross-reactivity or interference between Human ECE1 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human ECE1 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	754
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ECE1 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ECE1 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human ECE1. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human ECE1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human ECE1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human ECE1. You can calculate the concentration of Human ECE1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148747184
NCBI GeneID	94204
NCBI Accession #	NP_446048.2
NCBI GenBank Nucleotide #	NM_053596.2
UniProt Accession #	P42893; Q9WUY8; Q9WUY9
Molecular Weight	87,011 Da
NCBI Official Full Name	endothelin-converting enzyme 1
NCBI Official Synonym Full Names	endothelin converting enzyme 1
NCBI Official Symbol	Ece1
NCBI Official Synonym Symbols	Ece
NCBI Protein Information	endothelin-converting enzyme 1; ECE-1
UniProt Protein Name	Endothelin-converting enzyme 1
UniProt Gene Name	Ece1
UniProt Synonym Gene Names	ECE-1
UniProt Entry Name	ECE1_RAT

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/ece1/165142>