

Rat Endothelin-converting enzyme 1 ELISA Kit | Ece1 elisa kit

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CATALOG #
AAA194649

REACTIVITY
Rat

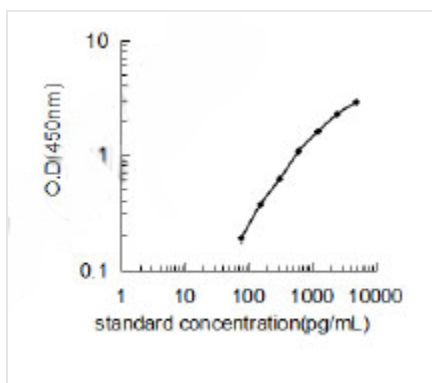
PRODUCT SYNONYMS

Endothelin-converting enzyme 1; Rat Endothelin-converting enzyme 1 ELISA Kit; ECE-1; Ece1; 3.4.24.71; Ece1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Endothelin-converting enzyme 1,ECE-1
Sequence Length	762
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	78-5000 pg/mL
Sensitivity	< 38.6 pg/mL
Intra-assay Precision	<=3.9%
Inter-assay Precision	<=6.3%
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 Ece1 elisa kit	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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1706564
UniProt Accession #	P42893; Q9WUY8; Q9WUY9
Molecular Weight	87,011 Da
NCBI Official Full Name	Endothelin-converting enzyme 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.