

Human Atrial natriuretic peptide-converting enzyme, CORIN ELISA Kit | CORIN elisa kit

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CATALOG #
AAA42478

REACTIVITY
Human

PRODUCT SYNONYMS

Atrial natriuretic peptide-converting enzyme; CORIN; Human Atrial natriuretic peptide-converting enzyme; CORIN ELISA Kit; CORIN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1042
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.05ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CORIN elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Atrial Natriuretic Peptide-converting Enzyme (also known as CORIN) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human CORIN antibody. CORIN present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CORIN Antibody is added and binds to CORIN in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CORIN antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human CORIN. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	29244926
NCBI GeneID	10699
NCBI Accession #	NP_006578.2
NCBI GenBank Nucleotide #	NM_006587.3
UniProt Accession #	Q9Y5Q5; Q2TBD2; Q4W5E5; Q4W5G6; Q9UHY2; B0ZBE3
Molecular Weight	113,297 Da
NCBI Official Full Name	atrial natriuretic peptide-converting enzyme isoform 1
NCBI Official Synonym Full Names	corin, serine peptidase
NCBI Official Symbol	CORIN
NCBI Official Synonym Symbols	CRN; ATC2; Lrp4; PEE5; TMPRSS10
NCBI Protein Information	atrial natriuretic peptide-converting enzyme
UniProt Protein Name	Atrial natriuretic peptide-converting enzyme
UniProt Gene Name	CORIN
UniProt Synonym Gene Names	CRN; TMPRSS10

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/atrial-natriuretic-peptide-converting-enzyme-corin/42478>