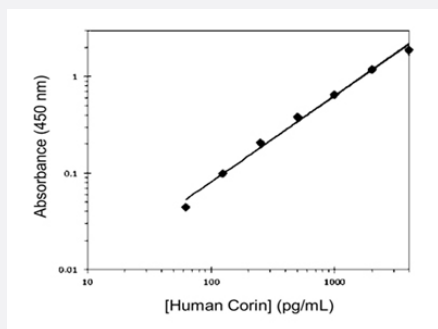


CORIN (Human) ELISA Kit

Catalog # KA2241 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	CORIN (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human CORIN.
Suitable Sample	Cell Lysate, Plasma, Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Reactivity	Human
Regulation Status	For research use only (RUO)
Expiration Date	Kit expiration is 3 months from date of shipment
Quality Control Testing	Standard Curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store the kit at 4°C.

Applications

- Quantification

Gene Info — CORIN

Entrez GeneID [10699](#)

Gene Name CORIN

Gene Alias ATC2, CRN, Lrp4, MGC119742, TMPRSS10

Gene Description corin, serine peptidase

Omim ID [605236](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the type II transmembrane serine protease class of the trypsin superfamily. Members of this family are composed of multiple structurally distinct domains. The encoded protein converts pro-atrial natriuretic peptide to biologically active atrial natriuretic peptide, a cardiac hormone that regulates blood volume and pressure. This protein may also function as a pro-brain-type natriuretic peptide convertase. [provided by RefSeq]

Other Designations atrial natriuretic peptide-converting enzyme|corin|corin, serine protease|heart specific serine protease|pro-ANP-convertase|pro-ANP-converting enzyme

Publication Reference

- [Diagnostic utility of BNP, corin and furin as biomarkers for cardiovascular complications in type 2 diabetes mellitus patients.](#)

Fathy SA, Abdel Hamid FF, Zabut BM, Jamee AF, Ali MA, Abu Mustafa AM.

Biomarkers 2015 Oct; 20(6-7):460.

Application: ELISA, Human, Plasma

Disease

- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Hypertension](#)
- [Ventricular Dysfunction](#)