



Rat Cystatin C,Cys-C ELISA Kit

Product Code	CSB-E08385r
Abbreviation	CST3
Target Name	cystatin C
Uniprot No.	P14841
Alias	ARMD11, MGC117328, OTTHUMP00000164181 OTTHUMP00000164182 bA218C14.4 (cystatin C) cystatin 3 gamma-trace neuroendocrine basic polypeptide post-gamma-globulin
Product Type	ELISA Kit
Immunogen Species	Rattus norvegicus (Rat)
Sample Types	serum, plasma, homogenates.
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	0.078 ng/ml
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Cardiovascular
Gene Names	Cst3
Tag Info	quantitative
Protein Description	Sandwich
Description	This Rat CST3 ELISA Kit was designed for the quantitative measurement of Rat CST3 protein in serum, plasma, homogenates.. It is a Sandwich ELISA kit, its detection range is 0.312 ng/ml-20 ng/ml and the sensitivity is 0.078 ng/ml.

Target Details	The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions, where they appear to provide protective functions. The cystatin locus on chromosome 20 contains the majority of the type 2 cystatin genes and pseudogenes. This gene is located in the cystatin locus and encodes the most abundant extracellular inhibitor of cysteine proteases, which is found in high concentrations in biological fluids and is expressed in virtually all organs of the
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body. A mutation in this gene has been associated with amyloid angiopathy. Expression of this protein in vascular wall smooth muscle cells is severely reduced in both atherosclerotic and aneurysmal aortic lesions, establishing its role in vascular disease.

Product Precision

Linearity

Recovery

Typical

Msds

{"0":{"fileurl":"https://www.cusabio.com/uploadfile/msds/MSDS CSB-E08385r.pdf","filename":"MSDS"}}