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Produktinformation



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FastELISA™ CST3 (Human) ELISA Kit

Catalog # KA7042

Size 1 Kit

Specification

Product Description	FastELISA™ CST3 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of Human CST3 (Cystatin C) in Serum, plasma.
Suitable Sample	Serum, Plasma, etc.
Sample Volume	50 μ L
Detection Method	Colormetric
Assay Type	Quantitative
Calibration Range	78.1-5000 pg/mL
Limit of Detection	25 pg/mL
Specificity	This assay is highly specific for detection of Human CST3. No significant cross-reactivity or interference between Human CST3 and analogues was observed.
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 2-8°C for 6 months. For long term storage store at -20°C. Avoid repeated freezing and thawing.

Applications

- Quantification

Gene Info — CST3

Entrez GeneID [1471](#)**Gene Name** CST3

Gene Alias	ARMD11, MGC117328
Gene Description	cystatin C
Omim ID	105150 604312
Gene Ontology	Hyperlink
Gene Summary	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 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. [provided by RefSeq]
Other Designations	OTTHUMP00000030440 OTTHUMP00000164181 OTTHUMP00000164182 bA218C14.4 (cystatin C) cystatin 3 cystatin C (amyloid angiopathy and cerebral hemorrhage) gamma-trace neuroendocrine basic polypeptide post-gamma-globulin

Disease

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- [Amyloidosis](#)
- [Amyotrophic lateral sclerosis](#)
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