

Active Human Cystatin C Reference Standard

Cat. No. CST3-11H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	Cystatin C or cystatin 3 (formerly gamma trace, post-gamma-globulin or neuroendocrine basic polypeptide), a protein encoded by the CST3 gene, is mainly used as a biomarker of kidney function. Recently, it has been studied for its role in predicting new-onset or deteriorating cardiovascular disease
Form	Liquid
Bio-activity	The level of Cystatin C in the serum was quantified using ELISA.
Usage	For research use only, not for diagnostic or therapeutic use.
Quality Control Test	Generated from a human serum pool. This lot has been tested by standard laboratory procedures and found to be negative for HIV 1, HIV 2, Hepatitis B and Hepatitis C.
Storage	Stored at -20 °C, 4 °C for less than seven days, frozen for greater than seven days.
Concentration	391.96 ng/ml
Preservative	0.1% sodium azide

GENE INFORMATION

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Gene Name	CST3 cystatin C [Homo sapiens]
Official Symbol	CST3
Synonyms	CST3; cystatin C; cystatin C (amyloid angiopathy and cerebral hemorrhage); cystatin-C; cystatin 3; cystatin-3; gamma-trace; post-gamma-globulin; bA218C14.4 (cystatin C); neuroendocrine basic polypeptide; ARMD11; MGC117328;
Gene ID	1471
mRNA Refseq	NM_000099
Protein Refseq	NP_000090
MIM	604312
UniProt ID	P01034
Chromosome Location	20p11.2
Pathway	Amyloids, organism-specific biosystem; Disease, organism-specific biosystem; Salivary secretion, organism-specific biosystem; Salivary secretion, conserved biosystem;
Function	beta-amyloid binding; cysteine-type endopeptidase inhibitor activity; endopeptidase inhibitor activity; protease binding; protein binding;

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