

## Human Cystatin-M, CST6 ELISA Kit | CST6 elisa kit

Human Cystatin-M, CST6 Primacu ELISA Kit

CATALOG #  
**AAA124389**

REACTIVITY  
**Human**

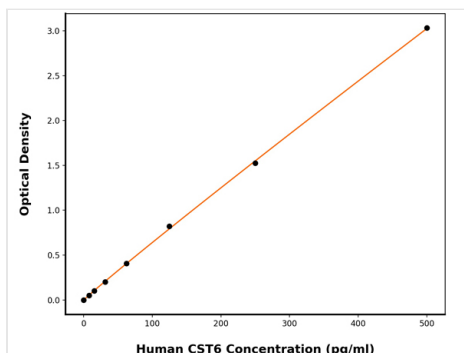
### PRODUCT SYNONYMS

Cystatin-M; CST6; Human Cystatin-M; CST6 Primacu ELISA Kit; CST6 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                        |
|-------------------------|----------------------------------------|
| Reactivity              | Human                                  |
| Assay Type              | Sandwich                               |
| Samples                 | Serum, plasma, cell culture supernates |
| Detection Range         | 7.81-500pg/mL                          |
| Sensitivity             | 1.77pg/mL                              |
| Standard Solution       | 5ng/mL                                 |
| Assay Time              | 3.5h                                   |
| Preparation and Storage | Store at 2-8 degree C                  |

### IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

### ADDITIONAL INFORMATION

#### Related Product Information for CST6 elisa kit

Cystatin E/M, also referred to as CST6, is a member of type 2 cysteine proteinase inhibitors of the cystatin superfamily, and inhibits papain and cathepsin B. Cystatin E is a low molecular mass secreted protein existing in both a glycosylated (17 kDa) and an unglycosylated (14 kDa) form, with two characteristic intrachain disulfide bridges. Expression of cystatin M/E is found to be restricted to the epidermis, more specifically in the stratum granulosum, sweat glands, sebaceous glands, and the hair follicles. In addition to its function as a cysteine protease inhibitor, cystatin M/E also serves as a target for cross-linking by transglutaminases. Accordingly, cystatin M/E was suggested to be involved in barrier formation and maintenance. Furthermore, studies have revealed that cystatin M/E is frequently epigenetically inactivated during breast carcinogenesis, and thus be regarded as a candidate of tumour suppressor gene.

Product Categories/Family for CST6  
elisa kit

Primacu ELISA Kit; Cell biology

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4503113                                                                                                 |
| NCBI GeneID                      | 1474                                                                                                    |
| NCBI Accession #                 | NP_001314.1                                                                                             |
| NCBI GenBank Nucleotide #        | NM_001323.3                                                                                             |
| UniProt Accession #              | Q15828; Q540N7                                                                                          |
| Molecular Weight                 | 16,511 Da                                                                                               |
| NCBI Official Full Name          | cystatin-M                                                                                              |
| NCBI Official Synonym Full Names | cystatin E/M                                                                                            |
| NCBI Official Symbol             | CST6                                                                                                    |
| NCBI Protein Information         | cystatin-M; cystatin 6; cystatin M; cystatin M/E; cystatin-6; cystatin-E; cysteine proteinase inhibitor |
| UniProt Protein Name             | Cystatin-M                                                                                              |
| UniProt Gene Name                | <b>CST6</b>                                                                                             |
| UniProt Entry Name               | CYTM_HUMAN                                                                                              |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/cystatin-m-cst6/124389>