

## Mouse Cys-C ELISA Kit | Cys-C elisa kit

Mouse Cys-C (Cystatin C) ELISA Kit

CATALOG #  
**AAA163414**

REACTIVITY  
**Mouse**

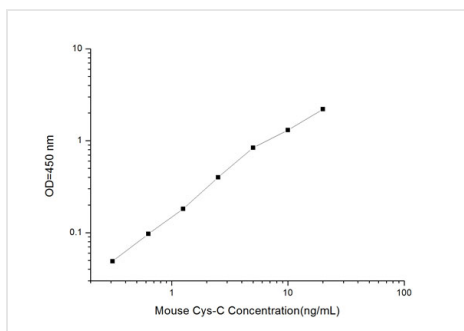
### PRODUCT SYNONYMS

Cys-C; Mouse Cys-C (Cystatin C) ELISA Kit; Cys-C elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                                                                                                                                                                                                                            |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Mouse Cys-C. No significant cross-reactivity or interference between Mouse Cys-C and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse Cys-C and all the analogues, therefore, cross reaction may still exist. |
| Sequence Length         | 190                                                                                                                                                                                                                                                                                                                                                                                              |
| Samples                 | Serum, Plasma, Biological Fluids                                                                                                                                                                                                                                                                                                                                                                 |
| Assay Type              | Sandwich                                                                                                                                                                                                                                                                                                                                                                                         |
| Detection Range         | 0.313-20ng/mL                                                                                                                                                                                                                                                                                                                                                                                    |
| Sensitivity             | Min: 0.188ng/mL; Max: 20ng/mL                                                                                                                                                                                                                                                                                                                                                                    |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                                                                                                                                                                                                                                                             |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Cys-C elisa kit | <p><b>Description:</b> The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of Cys-C in Mouse serum, plasma and other biological fluids</p> <p><b>Principle of the Assay:</b> This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse Cys-C. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Mouse Cys-C and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse Cys-C, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Mouse Cys-C. You can calculate the concentration of Mouse Cys-C in the samples by comparing the OD of the samples to the standard curve.</p> |
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NCBI AND UNIPROT INFORMATION

|                         |                                                    |
|-------------------------|----------------------------------------------------|
| NCBI GI #               | 334305784                                          |
| Molecular Weight        | 20,750 Da                                          |
| NCBI Official Full Name | Cypemycin cysteine dehydrogenase (decarboxylating) |
| UniProt Protein Name    | Cypemycin cysteine dehydrogenase (decarboxylating) |
| UniProt Gene Name       | cypD                                               |
| UniProt Entry Name      | CYPD_STRSQ                                         |

**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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/cys-c/163414>