

## Mouse ceruloplasmin (ferroxidase) ELISA Kit | CP elisa kit

Mouse Ceruloplasmin, CP/CER ELISA Kit

CATALOG #  
**AAA80414**

REACTIVITY  
**Mouse**

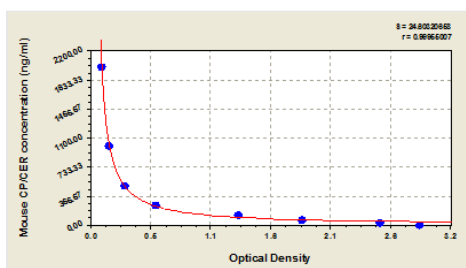
### PRODUCT SYNONYMS

ceruloplasmin (ferroxidase); Mouse Ceruloplasmin; CP/CER ELISA Kit; CP-2; ceruloplasmin; CP elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                     |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of mouse CP/CER. No significant cross-reactivity or interference between mouse CP/CER and analogues was observed. |
| Sequence Length         | 1085                                                                                                                                                                                      |
| Assay Type              | Competitive                                                                                                                                                                               |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates                                                                                                                                |
| Detection Range         | 31.2 ng/ml-2000 ng/ml                                                                                                                                                                     |
| Sensitivity             | < 7.8 ng/ml                                                                                                                                                                               |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.                                          |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.                                                   |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                                         |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for CP elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with CP/CER. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for CP/CER. The competitive inhibition reaction is launched between with pre-coated CP/CER and CP/CER in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of CP/CER in the samples. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

|                                  |                            |
|----------------------------------|----------------------------|
| NCBI GI #                        | 442745912                  |
| NCBI GeneID                      | 12870                      |
| NCBI Accession #                 | NP_001263177.1             |
| NCBI GenBank Nucleotide #        | NM_001276248.1             |
| UniProt Accession #              | Q61147; Q6P5C8             |
| Molecular Weight                 | 121,151 Da                 |
| NCBI Official Full Name          | ceruloplasmin isoform c    |
| NCBI Official Synonym Full Names | ceruloplasmin              |
| NCBI Official Symbol             | Cp                         |
| NCBI Official Synonym Symbols    | D3Ert555e                  |
| NCBI Protein Information         | ceruloplasmin; ferroxidase |
| UniProt Protein Name             | Ceruloplasmin              |
| UniProt Gene Name                | Cp                         |
| UniProt Entry Name               | CERU_MOUSE                 |

**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://www.aaabiotech.com/cp-mouse-elisa-kits/ceruloplasmin-ferroxidase/80414>