

Mouse ceruloplasmin (ferroxidase) ELISA Kit | CP elisa kit

Mouse Ceruloplasmin, CP/CER ELISA Kit

CATALOG #
AAA80414

REACTIVITY
Mouse

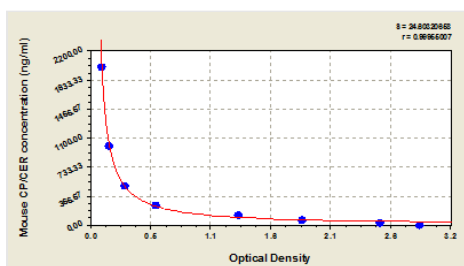
PRODUCT SYNONYMS

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