

Human Ceruloplasmin ELISA Kit | CER elisa kit

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CATALOG #
AAA86357

REACTIVITY
Human

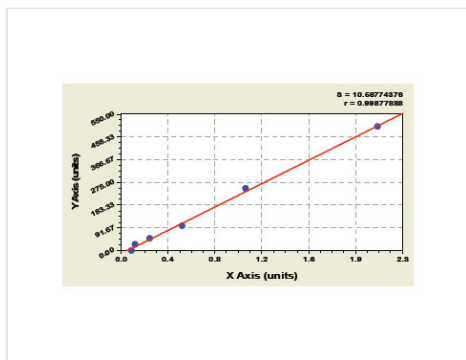
PRODUCT SYNONYMS

Ceruloplasmin; Human Ceruloplasmin ELISA Kit; CER elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	25-500ug/dL
Sensitivity	1.0ug/dL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for CER elisa kit

Intended Uses: This CER ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CER. This ELISA kit for research use only!

Principle of the Assay: CER ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CER. Standards or samples are then added to the microtiter plate wells and CER if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CER present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CER are added to each well to "sandwich" the CER immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CER and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CER concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1731685
NCBI GeneID	1356
Molecular Weight	122,205 Da
NCBI Official Full Name	ceruloplasmin, partial
NCBI Official Synonym Full Names	ceruloplasmin (ferroxidase)
NCBI Official Symbol	CP
NCBI Official Synonym Symbols	CP-2
NCBI Protein Information	ceruloplasmin
UniProt Protein Name	Ceruloplasmin
UniProt Gene Name	CP
UniProt Entry Name	CERU_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.

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Online datasheet: <https://stage.aaabiotech.com/cer-human-elisa-kits/ceruloplasmin/86357>