

Porcine Ceruloplasmin ELISA Kit | CER elisa kit

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CATALOG #
AAA90783

REACTIVITY
Porcine

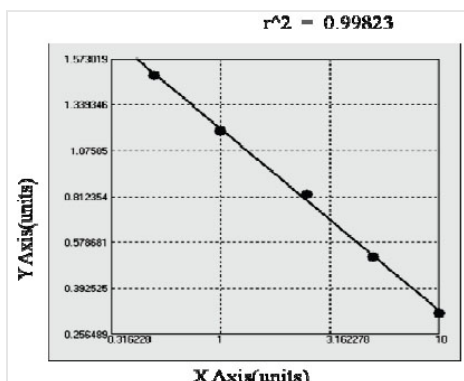
PRODUCT SYNONYMS

Ceruloplasmin; Porcine Ceruloplasmin ELISA Kit; CER elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ug/mL.
Intended Uses	This CER ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine CER. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CER elisa kit

Principle of the Assay: CER ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CER antibody and an CER-HRP conjugate. The assay sample and buffer are incubated together with CER-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CER concentration since CER from samples and CER-HRP conjugate compete for the anti-CER antibody binding site. Since the number of sites is limited, as more sites are occupied by CER from the sample, fewer sites are left to bind CER-HRP conjugate. 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.

Product Categories/Family for CER elisa kit

[Cardiovascular](#)

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-porcine-elisa-kits/ceruloplasmin/90783>