

Sheep Ceruloplasmin ELISA Kit | CER elisa kit

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CATALOG #
AAA89611

REACTIVITY
Sheep

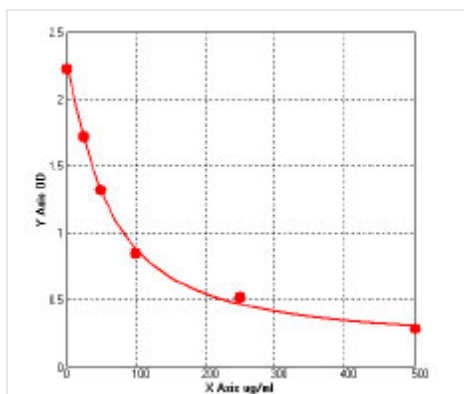
PRODUCT SYNONYMS

Ceruloplasmin; Sheep Ceruloplasmin ELISA Kit; CER elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ug/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

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 Sheep CER. This ELISA kit for research use only!

Principle of the Assay: CER ELISA kit applies the competitive enzyme immunoassay technique utilizing an 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.

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-sheep-elisa-kits/ceruloplasmin/89611>