

Canine Ceruloplasmin ELISA Kit | CER elisa kit

Canine Ceruloplasmin ELISA Kit

CATALOG #
AAA88825

REACTIVITY
Canine

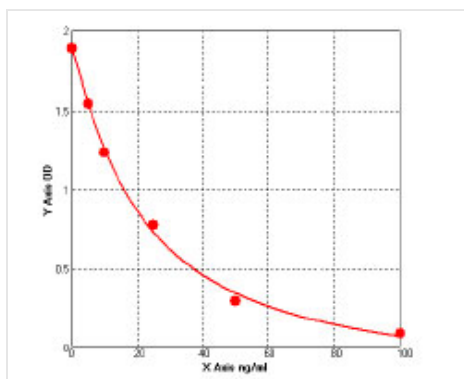
PRODUCT SYNONYMS

Ceruloplasmin; Canine Ceruloplasmin ELISA Kit; CER elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/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 CEP350 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CEP350. This ELISA kit for research use only!

Principle of the Assay: CEP350 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CEP350 antibody and an CEP350-HRP conjugate. The assay sample and buffer are incubated together with CEP350-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 CEP350 concentration since CEP350 from samples and CEP350-HRP conjugate compete for the anti-CEP350 antibody binding site. Since the number of sites is limited, as more sites are occupied by CEP350 from the sample, fewer sites are left to bind CEP350-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CEP350 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.