



## CERTIFICATE OF ANALYSIS

PRODUCT NAME:	Ceruloplasmin, Polyclonal anti-Human Affinity Purified
AB CONCENTRATION:	Typically greater than 1mg/ml
CAT. NO:	ICC-80A
FORM:	Liquid, PBS pH 7.2
HOST:	Chicken
IMMUNOGEN:	Human Ceruloplasmin
PURITY:	Affinity Purified
STORAGE:	2-8C

Polyclonal Antibody chicken anti-human ceruloplasmin BULK Quantities over 100mg of polyclonal anti-human ceruloplasmin single lot sizes

Inquire on our custom polyclonal antibody production. We can host from any species and cross link to your requirements. Custom Polyclonal antibody concentrations available

We also offer Cat. NO: 187-57 Human Ceruloplasmin (CER)antigen

Human Ceruloplasmin (CER) is officially known as ferroxidase or iron(II):oxygen oxidoreductase. Human Ceruloplasmin (CER) is an enzyme synthesized in the liver containing 8 atoms of copper in its structure. Although Human CERULOPLASMIN (CER) is often considered a copper transport protein, this is not its primary function, just as human hemoglobin is not a carrier of iron, although it contains iron. The main carrier for copper in the plasma of humans is albumin. Human Ceruloplasmin enzyme (ferroxidase) catalyzes the oxidation of ferrous iron (Fe<sup>2+</sup>) to ferric iron (Fe<sup>3+</sup>), therefore assisting in Human Ceruloplasmin enzyme transport in the plasma in association with transferrin, which can only carry iron in the ferric state

Human Ceruloplasmin enzyme Main Clinical Significance: Diagnosis of Wilsons Disease (hepatolenticular degeneration) also used for detection of Hodgkins Disease, infections, malignancy and trauma