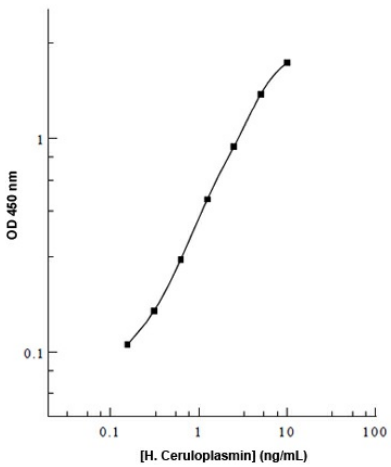
CP (Human) ELISA Kit

Catalog # KA4913 Size 1 Kit

Applications



The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	CP (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human CP.
Suitable Sample	Cell Culture Supernatants, Cell Lysate, CSF, Milk, Plasma, Saliva, Serum, Urine
Sample Volume	50 uL
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.156 to 10 ng/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store components of the kit at 4°C or -20°C as described in the protocol.

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Applications

- Quantification

Gene Info — CP

Entrez GeneID	1356
Gene Name	CP
Gene Alias	CP-2
Gene Description	ceruloplasmin (ferroxidase)
Omim ID	117700 604290
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a metalloprotein that binds most of the copper in plasma and is involved in the peroxidation of Fe(II)transferrin to Fe(III) transferrin. Mutations in this gene cause aceruloplasminemia, which results in iron accumulation and tissue damage, and is associated wit h diabetes and neurologic abnormalities. [provided by RefSeq
Other Designations	ceruloplasmin|ferroxidase

Publication Reference

- Prediction of carotid intima-media thickness in obese patients with low prevalence of comorbidities by serum copper bioavailability.

  Giovanni Tarantino, Cristiana Porcu, Mario Arciello, Paola Andreozzi, Clara Balsano

  J Gastroenterol Hepatol 2018 Aug; 33(8):1511-1517.

Pathway

- Porphyrin and chlorophyll metabolism

Disease

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- Abortion
- Alzheimer disease
- Amyotrophic lateral sclerosis
- Anoxia
- Cognition
- Genetic Predisposition to Disease
- Parkinson disease

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