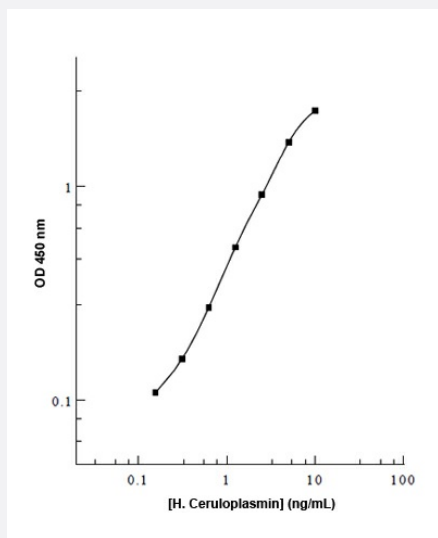


CP (Human) ELISA Kit

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 μ L

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.

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 with diabetes and neurologic abnormalities. [provided by RefSeq]
Other Designations	ceruloplasmin ferroxidase

Pathway

- [Porphyrin and chlorophyll metabolism](#)

Disease

- [Abortion](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Anoxia](#)
- [Cognition](#)
- [Genetic Predisposition to Disease](#)

- [Parkinson disease](#)