

Human Ceruloplasmin ELISA Kit | CP elisa kit

Human Ceruloplasmin ELISA Kit

CATALOG #
AAA76820

REACTIVITY
Human

PRODUCT SYNONYMS

Ceruloplasmin; Human Ceruloplasmin ELISA Kit; CP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Ceruloplasmin
Sequence Length	1065
Samples	Human Serum, Body Fluids, Tissue Homogenate Or Cell Culture Supernates
Assay Type	Sandwich
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	<15 pg/ml
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CP elisa kit

Intended Uses: The CD40L ELISA has been designed for the precise measurement of CD40L in human serum, body fluids, tissue homogenate or cell culture supernates. For research use only.

Principle of the Assay: This kit is based on a sandwich enzyme-linked immune-sorbent assay technology. An analyte-specific polyclonal antibody is pre-coated onto 96-well plates. The biotin conjugated second antibody is used as detection antibody. During the first incubation the standards and samples react with the analyte-specific pre-coated antibody. In a second incubation the biotin conjugated detection antibody completes the sandwich. After washing with wash buffer the TMB substrate is added to visualize HRP enzymatic reaction. TMB is catalyzed by HRP to produce a blue color product that changes into yellow after adding acidic stop solution. The optical density of the yellow color is proportional to the analyte captured in plate. Read the O.D. absorbance at 450nm in a microtiterplate reader, and calculate the concentration of the analyte in the sample by taking into consideration the dilution factor of the sample!!Background/Introduction: CD40L, also called CD154, is a 261 amino acids protein is a member of the TNF superfamily of molecules. It is primarily expressed on activated T cells but is also found in a soluble form. It binds to CD40 on antigen-presenting cells (APC), which leads to many effects depending on the target cell type. In general, CD40L plays the role of a costimulatory molecule and induces activation in APC in association with T cell receptor stimulation by MHC molecules on the APC. In total CD40L has three binding partners: CD40, alpha5beta1 integrin and alpha11beta3.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1519314162
NCBI GeneID	1356
NCBI Accession #	NP_000087.2
NCBI GenBank Nucleotide #	NM_000096.4
UniProt Accession #	P00450
NCBI Official Full Name	ceruloplasmin
NCBI Official Synonym Full Names	ceruloplasmin
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/ceruloplasmin/76820>