

Ceruloplasmin Activity Assay Kit

Ceruloplasmin Activity Assay Kit (Colorimetric)

CATALOG #
AAA332520

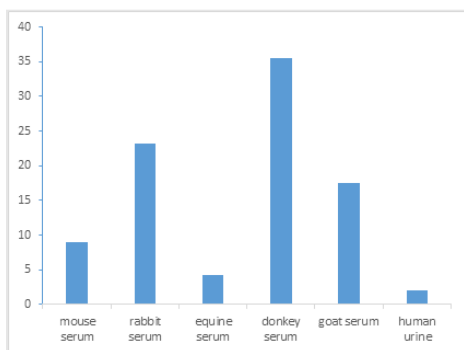
PRODUCT SYNONYMS

Ceruloplasmin Activity; Ceruloplasmin Activity Assay Kit (Colorimetric); Ceruloplasmin Activity assay kit

PRODUCT SPECIFICATIONS

Tag	ceruloplasmin, CER
Features & Benefits	simple, sensitive, rapid Ceruloplasmin detection method. compatible to serum (plasma) and urine samples. Provides detailed results calculation methods and experimental results diagrams. Ceruloplasmin Assay Kit: Colorimetric provides a simple, convenient, rapid and colorimetric glycogen detection method. The principle of kit is Ceruloplasmin catalyzes the formation of colored substances from o-dianisidine dihydrochloride, with a characteristic absorption peak at 460nm. According to the enzyme activity definition, the ceruloplasmin activity in the sample can be calculated.
Kit Components	Assay Buffer Substrate
Usage Notes	Do not mix the components between different batch numbers and manufacturers; otherwise, the results may be abnormal. Avoid bubbles while mixing or redissolving components. Change pipette tips frequently to avoid cross contamination between components. Ensure that all components and equipment are at the appropriate temperature before to use. In order to guarantee the accuracy of experimental results, need to do a pre-experiment with 1-2 samples. If the sample value is higher than 1.0, please further dilute the sample with distilled water. Pay attention to multiply by the dilution factor when calculating the result. Substrate has certain toxicity. Please take protective measures when operating.
Preparation and Storage	Store at 4 degree C. Kit has a storage time of 12 months from receipt. Please refer to the table below Materials supplied and Storage conditions to store all the components. Shipping Gel pack with blue ice.

IMAGES



Application Data

Figure. Ceruloplasmin activity in mouse serum, rabbit serum, equine serum, donkey serum, goat serum, and human urine respectively. Assays were performed following kit protocol.

ADDITIONAL INFORMATION

Related Product Information for Ceruloplasmin Activity assay kit	Description: Ceruloplasmin Activity Assay Kit (Colorimetric) provides a simple, convenient, rapid method for dfor ceruloplasmin activity, which is compatible to various biological samples, especially serum (plasma) and urine samples. Background: Ceruloplasmin is a copper containing protein found primarily in the blood. It carries approximately 70% of the total copper present in the blood. Ceruloplasmin has the activity of oxidase and is an important antioxidant in the extracellular fluid.Elevated amounts of serum ceruloplasmin are found in pregnancy, cancer, rheumatoid arthritis and in several mental conditions such as Alzheimer's, schizophrenia and OCD. Abnormally low amounts are found in Wilson's and Menkes' Diseases and in several other rare conditions.
Product Categories/Family for Ceruloplasmin Activity assay kit	Biochemical Assay Kit; Cell Metabolism; Cytology

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.

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Online datasheet: <https://stage.aaabiotech.com/assay-kits/ceruloplasmin-activity/332520>