

Blood copper (Cu) Content Assay Kit

Cat. No. KITZ-081 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Under acidic conditions, copper bound to proteins is dissociated. Ascorbic acid (in its reduced form) reduces the dissociated divalent copper ions to monovalent copper ions. These monovalent copper ions then form a blue complex with the chromogenic agent 3,5-DiBr-PAESA. This complex has a characteristic absorption peak at a wavelength of 600 nm. By measuring the change in absorbance, the concentration of copper in the blood can be calculated.
-------------------------	--

Size	96 Samples
-------------	------------

Storage	4°C
----------------	-----

Shipping	Ice pack
-----------------	----------

Kit Components	Reagent 1: Liquid, 15mL × 1 bottle, stored at 4°C. Reagent 2: Liquid, 5mL × 1 bottle, stored at 4°C. Standard tube: Liquid, 0.2mL × 1 vial, stored at 4°C with a concentration of 25.4μmol/L.
-----------------------	---

Materials Required but Not Supplied	Microplate reader, 96-well plate, adjustable pipette, centrifuge, distilled water.
--	--

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA