



Serum Copper Content Assay kit

Copper is one of the essential trace elements of human body, is an important component of many enzymes, it can combine with proteins to form cupric protein, has the function of protecting cells; Most of the copper in plasma binds to globulins to form ceruloplasmin, which plays an important role in the production of red blood cells. Therefore, the determination of serum copper can tell whether the body is deficient in copper. Under acidic conditions, Cu^{2+} is dissociated from ceruloplasmin and albumin and reacts with complexing agent 3, 5-dibromo-PAESA to produce a purple complex, which has a characteristic absorption peak at 580nm, and the absorbance is proportional to the concentration within a certain range, thus calculating the Cu^{2+} concentration.

Catalog No.	250564
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Storage/Stability	2-8°C/6 months
Shipping	Gel Packs