

## **Determination of serum albumin in blood by constant-current coulometry using electrochemically generated oxidizers**

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### **Abstract**

A method is developed for the determination of human serum albumin by constant-current coulometry using electrochemically generated oxidizers. It is found that human serum albumin interacts with electrochemically generated bromine and iodine at a ratio of 1:73 and 1:64, respectively. Milligrams of human serum albumin were determined in model solutions with RSD = 1-2%. A procedure is proposed for the determination of serum albumin in human blood.

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