

[54] **SIMULTANEOUS ASSAY FOR GLUCOSE AND UREA**

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[57] **ABSTRACT**

A method for the simultaneous determination of glucose and urea in a specimen with a single reagent system. A reagent system containing a reactant for each of glucose and urea to be determined is added to a specimen. The reagent system is reacted with the specimen such that each of glucose and urea react with their respective reactant simultaneously. Each reactant is selected such that it is capable of giving an absorbance band for glucose and urea which permits their simultaneous determination. The change in absorbance or fluorescence of the resulting reaction mixture is monitored at a plurality of wavelengths which are characteristic for each of glucose and urea.

34 Claims, No Drawings