

ASSAY FOR SERUM CHOLINESTERASE ACTIVITY

Abstract

A dry analytical element for the determination of serum cholinesterase (CHE) activity is disclosed. The element analyses undiluted body fluids and employs butyrylthiocholine as the substrate for CHE. Butyrylthiocholine is hydrolyzed by serum cholinesterase and liberates butyric acid and thiocholine. The thiocholine liberated then reduces ferricyanide to ferrocyanide and the rate of change is measured by reflectance densitometry.

FIGURE 1

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