

A Quick Assay for Na⁺-K⁺-ATPase Specific Activity

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Z. Naturforsch. **57c**, 562–564 (2002);
received January 3/February 20, 2002

Na⁺-K⁺-ATPase, Synaptosome, Protein Assay

The method describes a simultaneous determination of inorganic phosphate (Pi) and protein content from a reaction mixture used for assay of adult rat cerebrocortical synaptosomal membrane Na⁺-K⁺-ATPase specific activity. The present method is more convenient, accurate and quicker compared to the existing methods for the determination of Na⁺-K⁺-ATPase activity. It also eliminates the possible errors in protein estimation by other classical methods in brain, which have a high lipid content.