

Na⁺K⁺-ATPase assay kit

Na⁺K⁺-ATPase Activity Assay Kit

CATALOG #
AAA177800

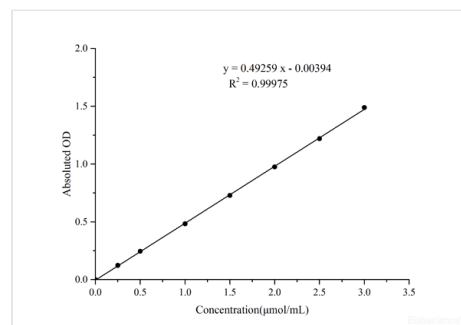
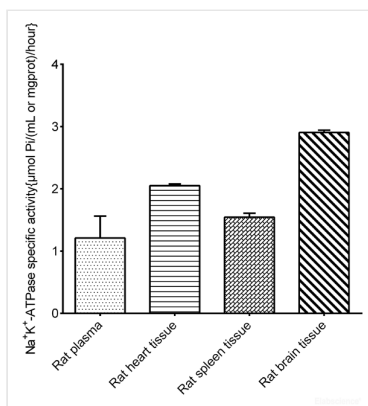
PRODUCT SYNONYMS

Na⁺K⁺-ATPase; Na⁺K⁺-ATPase Activity Assay Kit; Na⁺K⁺-ATPase assay kit

PRODUCT SPECIFICATIONS

Samples	Serum, plasma, whole blood and animal tissue samples
Detection Range	0.42-4.99 umol Pi/mL/hour
Sensitivity	0.11 umol Pi/mL/hour
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

Application Data

ADDITIONAL INFORMATION

Related Product Information for Na⁺K⁺-ATPase assay kit

Intended Uses: The kit is used for the determination of Na⁺K⁺-ATPase activity in serum, plasma, whole blood and animal tissue samples.

Principle of the Assay: Na⁺K⁺-ATPase decomposes ATP to produce ADP and Phosphorus, and calculates the activity of Na⁺K⁺-ATPase by measuring the content of phosphorus.

Background/Introduction: Na⁺K⁺-ATPase (EC3.6.1.37) is a glycoprotein located on the cell membrane, which is closely related to the decomposition of ATP and the transport of sodium and potassium ions inside and outside the cell. It plays a vital role in maintaining the normal functional state of various cells and the normal physiological function of the human body.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.