

Na⁺/K⁺-ATPase Assay Kit | Na⁺/K⁺-ATPase assay kit

Na⁺/K⁺-ATPase Activity Colorimetric Assay Kit

CATALOG #
AAA332482

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Samples	Serum, Plasma, Animal and Plant Tissues, Cells, Cell Supernatant, Bacteria
Features & Benefits	Determination of Na ⁺ /K ⁺ -ATPase activity in a variety of biological samples such as serum, plasma, tissues, cells, plants and bacteria. Detailed sample preparation and result calculation methods are provided. Simple operation steps.
Usage Notes	96 Well Clear Flat Bottom Microplate is needed. Do not mix or substitute reagents or materials from other kit lots or vendors. The sample preparation must be done on ice to prevent the enzyme inactivation, and the enzyme activity should be determined on the same day. avoid repeated freeze-thaw. Ensure all reagents and equipment are at the appropriate temperature before starting the assay. The test tube used in the determination is strictly phosphorus-free. Avoiding phosphorus contamination is the key to the success of detection.
Preparation and Storage	Storage at -20 degree C and protected from light upon receipt. Kit has a storage time of 12 months form receipt. Shipping: Gel pack with blue ice.

ADDITIONAL INFORMATION

Related Product Information for Na⁺/K⁺-ATPase assay kit	Principle of the Assay: The Na ⁺ /K ⁺ -ATPase is an enzyme widely distributed in biomembrane system of the organism. It performs several functions in cell physiology and it can catalyze ATP hydrolysis to produce ADP and inorganic phosphorus. CheKine™ Micro Na ⁺ /K ⁺ -ATPase Activity Assay Kit provides a simple method for detecting Na ⁺ /K ⁺ -ATPase activity in a variety of biological samples such as Serum, Plasma, Animal and Plant Tissues and Cells, Cell Supernatant, Bacteria. In the assay, Na ⁺ /K ⁺ -ATPase catalyzes ATP hydrolysis to produce ADP and inorganic Phosphorus. The content of inorganic phosphorus can reflect the activity of ATPase.
Product Categories/Family for Na⁺/K⁺-ATPase assay kit	Cell Metabolism

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.

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Online datasheet: <https://stage.aaabiotech.com/na-k-atpase-assay-kits/na-k-atpase/332482>