

Creatine Kinase (CK) Activity Assay Kit | CK assay kit

Micro Creatine Kinase (CK) Activity Assay Kit

CATALOG #
AAA332613

PRODUCT SYNONYMS

Creatine Kinase (CK) Activity; Micro Creatine Kinase (CK) Activity Assay Kit; Creatine Kinase; CK; CK assay kit

PRODUCT SPECIFICATIONS

Samples	Animal Tissues, Cells, Serum
Notes	Creatine Kinase (CK) (EC 2.7.3.2) mainly exists in the heart, muscle, brain and other tissues. It can reversibly catalyze the phosphorylation reaction between creatine and ATP. It plays an important role in energy operation, muscle contraction and ATP regeneration, and it is an important indicator for clinical test of heart and brain diseases.
Preparation and Storage	Store at -20 degree C and protected from light upon receipt. Kit has a storage time of 6 months form receipt.

ADDITIONAL INFORMATION

Related Product Information for CK assay kit	Principle of the Assay: Creatine Kinase (CK, EC 2.7.3.2) mainly exists in the heart, muscle, brain and other tissues. It can reversibly catalyze the phosphorylation reaction between creatine and ATP. It plays an important role in energy operation, muscle contraction and ATP regeneration, and it is an important indicator for clinical identification of heart and brain diseases. CheKine™ Micro Creatine Kinase (CK) Activity Assay Kit provides a simple, convenient and rapid CK activity detection method, which is suitable for the detection of animal tissues, cells, serum and other samples. The principle is that CK catalyzes creatine phosphate and ADP to generate creatine and ATP, hexokinase catalyzes ATP and glucose to form 6-phosphate glucose, and 6-phosphate glucose dehydrogenase catalyzes 6-phosphate glucose and NADP ⁺ to generate NADPH, there is a s characteristic absorption peak at 340 nm. The rate of NADPH increase at 340 nm can reflect CK activity.
Product Categories/Family for CK assay kit	Cell Metabolism ; Biochemical Assay Kit ; Biochemical Kit ; Cytology

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://www.aaabiotech.com/assay-kits/creatine-kinase-ck-activity/332613>