

Creatine Kinase (CK) Assay Kit | CK assay kit

Creatine Kinase (CK) Activity Assay Kit

CATALOG #
AAA179643

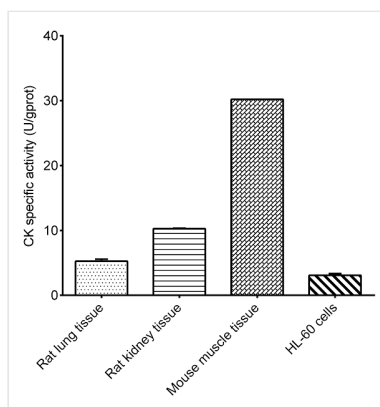
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Assay Type	Enzyme Activity
Samples	serum, plasma, animal tissue, cell
Detection Range	13.55-115.86 U/L
Sensitivity	6.16 U/L
Detection Type	Colorimetric method
Detection Instrument	Microplate reader
Precision	Inter CV: 3.4-9.6 Intra CV: 2.5-7.4
Research Area	Liver and Renal Function
Test Principle	Creatine kinase (CK, EC 2.7.3.2) catalyze creatine phosphate and ADP to produce creatine and ATP. Hexokinase catalyze creatine and glucose to produce glucose-6-phosphate. Glucose-6-phosphate dehydrogenase (G6P-DH, Glucose-6-phosphate dehydrogenase) catalyze glucose-6-phosphate and NADP+ to produce NADPH which have a maximum absorption peak at 340 nm. The CK activity can be calculated by measuring the OD values at 340 nm.
Preparation and Storage	This product can be stored at 2~8 degree C for 12 months with shading light. Shipping: Ice bag

IMAGES



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for CK assay kit	Cell Metabolism Assays; Liver and Renal Function
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/assay-kits/creatine-kinase-ck/179643>