

Creatine Kinase (CK) Assay Kit

Catalogue No.: abx298943

Creatine Kinase Assay Kit is an assay kit designed for the detection and quantification of Creatine Kinase activity in serum, plasma, tissue homogenates and cell lysates using a spectrophotometer. Creatine kinase (CK) catalyzes the reaction between creatine phosphate and ADP to produce creatine and ATP. Hexokinase catalyzes the reaction of creatine and glucose to produce glucose-6-phosphate. Glucose-6-phosphate dehydrogenase (G-6-PD) catalyzes the reaction between glucose-6-phosphate and NADP+ to produce NADPH which has a maximum absorption peak at 340 nm. The CK activity can be calculated by measuring the absorbance at 340 nm.

Target:	Creatine Kinase (CK)
Reactivity:	General
Storage:	Shipped at 4 °C. Upon receipt, store the kit according to the storage instruction in the kit's manual.
Validity:	The validity for this kit is 12 months.
Test Range:	3.7 U/L - 160 U/L
Sensitivity:	3.7 U/L
Detection Method:	Colorimetric
Assay Data:	Quantitative
Sample Type:	Serum, plasma, tissue homogenates and cell lysates.
CAS Number:	9001-15-4
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.