

CK

Native Rabbit Creatine Kinase

Catalog No.	CSI14989A CSI14989B	Quantity:	10 KU 25 KU
Alternate Names:	CK, CPK		
Description:	Creatine Kinase (CK), Creatine Phosphokinase (CPK) is an enzyme present in muscle, brain, and other tissues of vertebrates that catalyzes the reversible conversion of ADP and PCr phosphocreatine into ATP and Creatine. It can be used for detection of heart disease, liver disease, diseases of the central nervous system and thyroid disease.		
Concentration:	Typically >0.5 mg protein/mg powder		
Gene ID:	100009056		
Source:	Rabbit Muscle		
Formulation:	Lyophilized		
Biological Activity:	One Unit will transfer one mmole of phosphate from Creatine Phosphate to ADP per minute @ 37°C. Measured at 340 nm as one equimolar amount of NADH produced by a coupled reaction.		
Specific Activity:	Typically >200 Units/mg powder at 37°C.		
Storage & Stability:	Product is stable for 1 year when stored at -20°C.		
Applications:	Our Creatine Kinase CPK products are extensively used in multi analyte clinical chemistry controls and calibrators for major IVD manufacturers.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

