Creative Enzymes®

Native Porcine Creatine Kinase BB

Cat. No. NATE-0958

Lot. No. (See product label)

Introduction

Description	Creatine Kinase BB is concentrated in the brain and lungs Because the CKBB isoenzyme, CPK-1 isoenzyme is predominately found in the brain and lungs, injury to either of these organs (for example, stroke or lung injury due to a pulmonary embolism) are associated with elevated levels of this isoenzyme.
Applications	Diagnostic Controls, Calibrators & Standards; Immunoassays; Clinical Chemistry; Testing/Assay Validation; Life Science; Manufacturing
Synonyms	CPK-1; CKBB isoenyzme; CK-BB; CKB; creatine kinase, brain; CKBB; creatine kinase B-type; creatine kinase-B; creatine kinase B chain; B-CK; Brain-type creatine kinase; Creatine Kinase BB; BB-CK

Product Information

Species	Porcine
Source	Porcine Brain
Form	Lyophilized from 10 mM tris-succinate, 2 mM DTT, 2 mM EDTA, pH 6.5.
EC Number	EC 2.7.3.2
CAS No.	9001-15-4
Activity	> 100 U/mg
Unit Definition	One Unit will transfer one micromole 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.

Storage and Shipping Information

Storage	Store at -20°C
Stability	3 years