

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 isoenzyme; 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