

## Product Datasheet

### Creatine Kinase BB (CK-BB) Isoenzyme, Porcine Brain 191-24

**Product Name** Creatine Kinase BB (CK-BB) Isoenzyme, Porcine Brain

**Catalog Number** 191-24

**Alternative Names** CPK-1, CKBB isoenzym, CK-BB

**Brand** Lee Biosolutions

**Form/Appearance** Lyophilized Tan to off-white powder

**Concentration**  $\geq 0.6$  mg protein/mg (Coomassie)

**Storage**  $-20^{\circ}\text{C}$

**Purity** Purified

**CAS Number** 9001-15-4

**Source** Porcine Brain

**Shelf Life** 3 years

**Biological Activity**  $\geq 100$  U/mg (Dimension® Clinical Chemistry System)

**Content** CK-BB:  $\geq 95\%$  (Helena QuickGel® CK)  
CK-MB:  $\leq 3\%$   
CK-MM:  $\leq 3\%$

**Specific Activity** Reported in U/mg protein

**Unit Definition** One Unit will transfer one micromole of phosphate from creatine phosphate to ADP per minute @  $37^{\circ}\text{C}$ . Measured at 340 nm as one equimolar amount of NADH produced by a coupled reaction.