

Product Datasheet

Creatine Kinase (CK), Porcine Heart 191-45

Product Name	Creatine Kinase (CK), Porcine Heart
Catalog Number	191-45
Alternative Names	CK, CPK, Creatine Phosphokinase, Adenosine, Triphosphate: Creatine N-Phosphotransferase
Brand	Lee Biosolutions
Form/Appearance	Lyophilized White to brown powder
Concentration	≥ 0.7 mg protein/mg solid (Coomassie/A ₂₈₀)
Storage	-20 °C
Purity	Purified
CAS Number	9001-15-4
Source	Porcine Heart
Shelf Life	3 years
Biological Activity	≥ 400 U/mg (Dimension® Clinical Chemistry System)
Content	GOT/AST: $\leq 1\%$ LDH: $< 1\%$ ALP: $< 0.01\%$ GPT/ALT: $< 0.01\%$ Ammonia: ≤ 0.05 micromole/mg
Specific Activity	≥ 220 U/mg protein
Unit Definition	One unit catalyzes the transphosphorylation of one umole of phosphate from creatine phosphate to ADP per minute at 37°C.