

## Product Datasheet

### Creatine Kinase (CK/CPK), Porcine Heart 191-46

<b>Product Name</b>	Creatine Kinase (CK/CPK), Porcine Heart
<b>Catalog Number</b>	191-46
<b>Alternative Names</b>	CPK, CK, Creatine Phosphokinase
<b>Brand</b>	Lee Biosolutions
<b>Form/Appearance</b>	Green to Brown lyophilized powder
<b>Concentration</b>	≥ 0.7 mg protein/mg (Coomassie)
<b>Storage</b>	-20 °C
<b>Purity</b>	Purified
<b>CAS Number</b>	9001-15-4
<b>Source</b>	Porcine Heart
<b>Shelf Life</b>	3 years
<b>Biological Activity</b>	>500 U/mg (Dimension® Clinical Chemistry System)
<b>Content</b>	ALP: ≤ 0.01% LDH: ≤ 0.01% ALT/GPT: ≤ 0.01% GOT/AST: ≤ 1% Ammonia: ≤ 0.01 micromole/mg
<b>Specific Activity</b>	600 U/mg protein
<b>Unit Definition</b>	One unit catalyzes the transphosphorylation of one micromole of phosphate from creatine phosphate to ADP per minute at 37°C.