

Product Datasheet

Pyruvate Kinase (PK), Rabbit Muscle 500-20

Product Name	Pyruvate Kinase (PK), Rabbit Muscle
Catalog Number	500-20
Alternative Names	ATP:Pyruvate 2-0-phosphotransferase, PK
Brand	Lee Biosolutions
Form/Appearance	Lyophilized White to off-white powder
Concentration	≥ 0.4 mg protein/mg solid (A_{280nm} , $E^{0.1\%}=0.54$)
Storage	-20 °C
Purity	Purified
CAS Number	9001-59-6
Source	Rabbit Muscle
Buffer	Lyophilized from Tris-Cl, pH 7.7
Molecular Weight	237 kDa (as a tetramer of four equal subunits 57 kDa)
Shelf Life	3 years
Biological Activity	≥ 200 U/mg
Content	CPK: $\leq 1.0\%$ LDH: $\leq 0.01\%$
Specific Activity	Report U/mg protein
Unit Definition	One unit will catalyze the conversion of 1.0 micromole of phosphoenolpyruvate to pyruvate per minute at pH 7.6 at 37°C