

Product Datasheet

Alkaline Phosphatase (ALP), Porcine Kidney 490-20

Product Name	Alkaline Phosphatase (ALP), Porcine Kidney
Catalog Number	490-20
Alternative Names	ALP, Orthophosphoric-Monoester Phosphohydrolase
Brand	Lee Biosolutions
Form/Appearance	Lyophilized Tan powder
Concentration	≥ 0.5 mg protein/mg solid (Coomassie)
Storage	-20 °C
Purity	Purified
CAS Number	9001-78-9
Source	Porcine Kidney
Shelf Life	3 years
Biological Activity	≥ 50 U/mg (Dimension® Clinical Chemistry System)
Content	gGT: ≤ 2% AST/SGOT: ≤ 1.0% LDH: ≤ 0.1% Ammonia: ≤ 0.1 micromole/mg
Specific Activity	≥ 50 U/mg protein
Unit Definition	One unit catalyzes the hydrolysis of one micromole of p-nitrophenyl phosphate per minute at 37°C and pH 10.35 in the presence of 2-amino-2-methyl-1-propanol.