

Product:	ALKALINE PHOSPHATASE
Product code:	ALPI6G
E.C. number:	3.1.3.1
CAS number:	9001-78-9
EINECS number:	232-631-4
Systematic name:	Orthophosphoric-monoester phosphohydrolase (alkaline optimum).
Alternative name:	Alkaline phosphomonoesterase; Phosphomonoesterase; Glycerophosphatase.
Source:	Bovine intestinal mucosa
Form:	A solution in 40% glycerol containing 6mM Tris/HCl, 6mM magnesium chloride and 0.12mM zinc chloride, pH approximately 7.6
Storage conditions:	Store at 2°C to 8°C. <i>DO NOT FREEZE.</i>
Unit definition:	That amount of enzyme causing the hydrolysis of one micromole of <i>p</i> -nitrophenyl phosphate per minute at 25°C and pH 9.6 (glycine buffer).
Specific activity:	Not less than 700 Glycine U/mg protein (Biuret protein assay).