

Alkaline Phosphatase (Apose)

Product Information

Cat#	DIA-598
Descriptions	Alkaline phosphatase (Apose) is a widely applied hydrolase active under alkaline conditions, capable of catalyzing the hydrolysis of various phosphate esters to release inorganic phosphate, with stable activity for molecular labeling and biochemical detection.
Applications	Alkaline phosphatase (Apose) is widely used as labeling enzyme raw material for immunoassay kits and nucleic acid detection related reagent development.
CAS No.	131-3-11
Enzyme Commission Number	EC 3.1.3.1
Enzyme Source	E.coli recombinant alkaline phosphatase from Shewanella.sp.
Reaction	AMP = Adenosine + Pi
Activity Definition	One unit is defined as the amount of enzyme that catalyzes the formation of 1 μ mol adenine from AMP per minute at 37°C.