

Acid Phosphatase Kit Alpha Naphthylphosphate Kinetic Method

Intended Use: _____

Acid Phosphatase (ACP) is an enzyme of the hydrolase class of enzymes and acts in an acidic medium. It is widely distributed and found in high concentrations in the liver, RBC's and the prostate. Increased levels of the prostatic fraction are associated with prostatic carcinomas. Increased levels of the non prostatic fraction are associated with liver disease, hyperparathyroidism and Paget's disease. Acid Phosphatase kit uses the alpha naphthylphosphate kinetic method to determine acid phosphatase activity in serum.

Acid Phosphatase Kit components:

L1	Buffer Reagent
T1	Substrate Reagent
L2	Tartrate Reagent
L3	Acetate Buffer
Other Accessories	Package Insert

System Parameters

Reaction	: Kinetic	Interval	: 60
Wavelength	: 405 nm	Sample Vol.	: 0.1 ml
Zero Setting	: Distilled water	Reagent Vol.	: 1.00 ml
Incub. Temp	: 30°C / 37°C	Standard	: ---
Incub. Time	: ---	Factor	: 750.0
Delay Time	: 300 sec.	React. Slope	: Increasing
Read Time	: 180 sec.	Linearity	: 75 U/L
No. of read.	: 4	Units	: U/L

Storage / Stability	Temperature	Duration
Unopened kit	2-8°C	18 Months
In use stability	2-8°C	18 Months
Working reagent	2-8°C	3 Days

Available Pack Sizes	
10 X 2 ml	30 X 2 ml

Suggested control	Calkine Acid Phosphatase
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