

CALKINE ACID PHOSPHATASE KIT **α – 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 diseases, hyperparathyroidism, and Paget's disease. Calkine Acid Phosphatase kit uses the α – Naphthylphosphate Kinetic method to determine Acid Phosphatase in serum.

Calkine Acid Phosphatase Kit components:

L1	Buffer Reagent
T1	Substrate Tablets
L2	Tartrate Reagent
L3	Acetate Buffer
C	Bovine Serum Control
Other Accessories	Package Insert

System Parameters

Reaction: Kinetic	Interval: 60 sec
Wavelength: 405nm	Sample Vol.: 0.10 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
Opened Kit (Unmixed)	2 – 8°C	18 Months
In use stability (Working reagent)	2 – 8°C	3 Days
Reconstituted Control	2 – 8°C	3 Days

Available Pack Sizes
5 X 2 ml