

### Alkaline Phosphatase kit Mod. Kind & King's Method

**Intended Use:** \_\_\_\_\_

Alkaline Phosphatase (ALP) is an enzyme of the hydrolase class of enzymes and acts in an alkaline medium. It is found in high concentrations in the liver, biliary tract epithelium and in bones. Normal levels are age dependent and increase during bone development. Increased levels are associated mainly with liver and bone diseases. Moderate increases are seen in Hodgkins diseases and congestive heart failure. Alkaline Phosphatase kit uses the Mod. Kind & King's method to determine alkaline phosphatase activity in serum.

**Alkaline Phosphatase Kit components:**

<b>L1</b>	Buffer Reagent
<b>L2</b>	Substrate Reagent
<b>L3</b>	Color Reagent
<b>S</b>	Phenol Standard (10 mg/dl)
<b>Other Accessories</b>	Package Insert

#### System Parameters

<b>Reaction</b>	: End Point Abs.	<b>Interval</b>	: ---
<b>Wavelength</b>	: 510 nm	<b>Sample Vol.</b>	: 0.05 ml
<b>Zero Setting</b>	: Distilled Water	<b>Reagent Vol.</b>	: 3.00 ml
<b>Incub. Temp</b>	: 37°C	<b>Standard</b>	: Calculate
<b>Incub. Time</b>	: 15 min.	<b>Factor</b>	: ---
<b>Delay Time</b>	: ---	<b>React. Slope</b>	: Increasing
<b>Read Time</b>	: ---	<b>Linearity</b>	: 60 KA Units
<b>No. of read</b>	: ---	<b>Units</b>	: KA Units

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

Available Pack Sizes	
15 Tests	30 Tests