

Phosphorus Kit Molybdate UV Method

Intended Use: _____

Phosphorus is mainly combined with calcium and is found in the bones. Approximately 15 % exists as inorganic phosphorus or phosphate esters. It is involved in the carbohydrate metabolism and is a component of many other substances. Increased levels are found in hypothyroidism, renal failure, bone metastasis and liver diseases. Decreased levels are found in hyperthyroidism, rickets and vitamin D deficiency. Phosphorus kit uses molybdate UV method to determine phosphorus in serum, plasma and urine.

Phosphorus Kit components:

L1	Acid Reagent
L2	Molybdate Reagent
S	Phosphorus Standard (5 mg/dl)
Other Accessories	Package Insert

System Parameters

Reaction	: U. V. End Point	Interval	: ---
Wavelength	: 340 nm	Sample Vol.	: 0.01 ml
Zero Setting	: Reagent Blank	Reagent Vol.	: 1.00 ml
Incub. Temp	: R. T.	Standard	: 5 g/dl
Incub. Time	: 5 min.	Factor	: ---
Delay Time	: ---	React. Slope	: Increasing
Read Time	: ---	Linearity	: 20 mg/dl
No. of read.	: ---	Units	: mg/dl

Storage / Stability	Temperature	Duration
Unopened kit	15-30°C	18 months
Opened Kit (Unmixed)	15-30°C	18 months
In use stability	2-8°C	6 months

Available Pack Sizes	
75 ml	2X75 ml