

Creatinine Kit Modified Jaffe's Method

Intended Use:

Creatinine is the catabolic product of creatinine phosphate which is used by the skeletal muscle. The daily production depends on muscular mass and it is excreted out of the body entirely by the kidneys. Elevated levels are found in renal dysfunction, reduced renal blood flow (shock, dehydration, congestive heart failure) diabetes acromegaly. Decreased levels are found in muscular dystrophy. Creatinine kit uses the modified Jaffe's method to determine creatinine in serum and urine.

Creatinine Kit components:

L1	Picric acid Reagent
L2	Buffer Reagent
Standard	Creatinine Standard (2 mg/dl)
Other Accessories	Package Insert

System Parameters

Reaction	: Fixed Time Kin.	Interval	: 60 sec.
Wavelength	: 520 nm	Sample Vol.	: 0.10 ml
Zero Setting	: Distilled Water	Reagent Vol.	: 1.00 ml
Incub. Temp	: 30°C / 37°C	Standard	: 2 mg/dl
Incub. Time	: ---	Factor	: ---
Delay Time	: 30 sec.	React. Slope	: Increasing
Read Time	: 60 sec.	Linearity	: 20 mg/dl
No. of read.	: 2	Units	: mg/dl

Storage / Stability	Temperature	Duration
Unopened kit	15-30°C	24 Months
Opened Kit (Unmixed)	15-30°C	24 Months
In use stability	R.T.	1 Week

Available Pack Sizes	
2X35 ml	2X75 ml