

Urea Kit Modified Berthelot Method

Intended Use:

Urea is the end product of protein metabolism. It is synthesized in the liver from the ammonia produced by the catabolism of amino acids. It is transported by blood to the kidneys from where it is excreted. Increased levels are found in renal diseases, urinary obstructions, shock, congestive heart failure and burns. Decreased levels are found in liver failure and pregnancy. Urea kit uses modified Berthelot method to determine urea in serum, plasma & urine.

Urea Kit components:

L1	Buffer Reagent
L2	Enzyme Reagent
L3	Chromogen Reagent
S	Urea Standard (40 mg/dl)
Other Accessories	Package Insert

System Parameters

Reaction	: End Point	Interval	: ---
Wavelength	: 570 nm	Sample Vol.	: 0.01 ml
Zero Setting	: Reagent Blank	Reagent Vol.	: 1.30 ml
Incub. Temp	: 37°C / R.T.	Standard	: ---
Incub. Time	: 5 min. + 5 min. / 10 min + 10 min	Factor	: ---
Delay Time	: ---	React. Slope	: Increasing
Read Time	: ---	Linearity	: 250 mg/dl
No. of read.	: ---	Units	: mg/dl

Storage / Stability	Temperature	Duration
Unopened kit	2-8°C	18 months
Opened Kit (Unmixed)	2-8°C	18 months
In use stability	2-8°C	4 weeks

Available Pack Sizes	
75 Assays	3 X 75 Assays