

## Urea Kit GLDH 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 GLDH method to determine urea in serum or plasma.

**Urea (GLDH Method) kit components:**

<b>L1</b>	Enzyme Reagent
<b>L2</b>	Starter Reagent
<b>S</b>	Urea Standard (40 mg/dl)
<b>Other Accessories</b>	Package Insert

### System Parameters

<b>Reaction</b>	: Fixed Time Kin.	<b>Interval</b>	: 60 sec.
<b>Wavelength</b>	: 340 nm	<b>Sample Vol.</b>	: 0.01 ml
<b>Zero Setting</b>	: Distilled Water	<b>Reagent Vol.</b>	: 1.00 ml
<b>Incub. Temp</b>	: 30°C / 37°C	<b>Standard</b>	: 40 mg/dl
<b>Incub. Time</b>	: ---	<b>Factor</b>	: ---
<b>Delay Time</b>	: 30 sec.	<b>React. Slope</b>	: Decreasing
<b>Read Time</b>	: 60 sec.	<b>Linearity</b>	: 250 mg/dl
<b>No. of read.</b>	: 2	<b>Units</b>	: 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	10 days

Available Pack Sizes	
75 ml	2 X 75 ml