

UREA (UV)

UV- GLDH Method

INTERPRETATION OF RESULTS

AUTOMATED PARAMETERS	
Wavelength	340 nm
Measurement	Against distilled water
Reaction	Fixed Time Kinetic
Cuvette	1 cm light path
Reaction Temperature	37°C
Reaction Direction	Decreasing
Sample Volume	10 µl
Working Reagent Volume	1000 µl
Delay/Lag/Time	30 Secs
Interval Time	60 Secs
No. of Readings	01
Blank Absorbance Limit	> 0.8
Low Normal at 37°C	15 mg/dl
High Normal at 37°C	50 mg/dl
Linearity at 37°C	300 mg/dl

MANUAL ASSAY PROCEDURE

Pipette into Test Tubes.

	STD	SAMPLE
STANDARD	10 µl	-
SAMPLE	-	10 µl
WORKING REAGENT	1000 µl	1000 µl

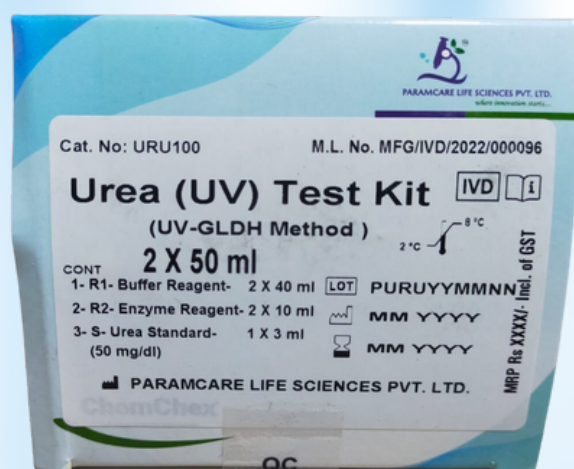
Mix well and read after 30^o secs initial absorbance of sample (A1s) and standard (A1std) and start timer simultaneously.
Read again, after 60 secs.

SAMPLE DILUTIONS:

1. This method is linear upto a concentration of 300 mg/dL.
2. Dilute samples above this concentration 1:1 with 0.9% saline.
3. Repeat assay. Multiply the result by 2.

UREA (UV) UV- GLDH Method

UREA (UV) TEST KIT



LINEARITY

The method is linear upto a concentration of 300 mg/dL. Dilute samples above this concentration 1:1 with 0.9% saline solution and repeat assay. Multiply the result by 2.

Limit of detection: 3 mg/dL.

Corporate Office:-

C/609, 6th Floor, Mittal Commercial, Unit 2,
Hasan Pada Road, Chimatpada Marol, Andheri
(E), Mumbai - 400059.

Factory Address:-

G/F- 12/13, Evershine-2, Survey NO.
307/3/1, Balitha, N.H No 48, Vapi,
Valsad, Gujarat, 396191.