Labsmart Software
Sample Letterhead

+91 12345 67890
yourlabname@gmail.com
https://www.yourlabname.in/

Mr. Saubhik Bhaumik
Age / Sex : 28 YRS / M
Referred by : Dr. Sachin Patil (MBBS)
Reg. no. **: 1014**

1014
Registered on : 17/10/2024 06:28 PM
Collected on : 17/10/2024
Received on : 17/10/2024
Reported on : 23/10/2024 05:09 PM

Scan to download

BIOCHEMISTRY

KIDNEY FUNCTION TEST (KFT)

TEST		VALUE	UNIT	REFERENCE
BUN		15.88	mg/dl	7.9 - 20
SERUM UREA		34	mg/dl	19 - 45
SERUM CREATININE		1.17	mg/dl	0.72 - 1.18
EGFR Method: Calculated	**L**	**87.08**	**ml/min/1.73m^2**	**> 90**
EGFR CATEGORY Method: Calculated		G2		
SERUM CALCIUM		10	mg/dl	8.8 - 10.6
SERUM POTASSIUM		4	mmol/L	3.5 - 5.1
SERUM SODIUM		142	mmol/L	136 - 146
SERUM URIC ACID		7.1	mg/dl	3.5 - 7.2
UREA / CREATININE RATIO		29.06		
BUN / CREATININE RATIO		13.57		

Creatinine is a nitrogenous waste product formed in muscle from creatine phosphate. Endogenous production of creatinine is proportional to muscle mass and body weight.

Causes of Increased Serum Creatinine Level	Causes of Decreased Serum Creatinine Level
1. Pre-renal, renal, and post-renal azotemia 2. Large amount of dietary meat 3. Active acromegaly and gigantism	1. Pregnancy 2. Increasing age (reduction in muscle mass)

GFR is measured to (i) detect suspected incipient kidney disease (i.e. early detection), (ii)monitor the course of established kidney disease, (iii) plan renal replacement therapy in advanced renal disease, and (iv) adjust the dosage of certain drugs which are nephrotoxic.

BUN/creatinine ratio is to discriminate pre-renal and post-renal azotemia from renal azotemia.

~~~ End of report ~~~

Mr. Sachin Sharma
DMLT, Lab Incharge

Dr. A. K. Asthana
MBBS, MD Pathologist

NOT VALID FOR MEDICO LEGAL PURPOSE

Work timings: Monday to Sunday, 8 am to 8 pm

Please correlate clinically. Although the test results are checked thoroughly, in case of any unexpected test results which could be due to machine error or typing error or any other reason please contact the lab immediately for a free evaluation.
~~~