



Labsmart Software

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<https://www.yourlabname.in/>**Mr. Saubhik Bhaumik**

Age / Sex : 27 YRS / M

Referred by : Dr. Sachin Patil (MBBS)

Reg. no. : 1037



1037

Registered on : 07/11/2024 03:02 PM

Collected on : 07/11/2024

Received on : 07/11/2024

Reported on : 07/11/2024 03:02 PM

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**BIOCHEMISTRY**

TEST	VALUE	UNIT	REFERENCE
SERUM URIC ACID	5.6	mg/dl	3.5 - 7.2

Physiological basis

Uric acid is an end product of nucleoprotein metabolism and is excreted by the kidney. An increase in serum uric acid concentration occurs with increased nucleoprotein synthesis or catabolism (blood dyscrasias, therapy of leukemia) or decreased renal uric acid excretion (eg, thiazide diuretic therapy or renal failure).

Interpretation

Increased in: Renal failure, gout, myeloproliferative disorders (leukemia, lymphoma, myeloma, polycythemia vera), psoriasis, glycogen storage disease (type I), Lesch-Nyhan syndrome, lead nephropathy, hypertensive diseases of pregnancy (preeclampsia and eclampsia), menopause, syndrome X (obesity, insulin resistance, hypertension, hyperuricemia, dyslipidemia).

Drugs: Antineoplastic and chemotherapeutic agents, diuretics, ethanol, nicotinic acid, salicylates (low-dose), theophylline.

Decreased in: SIADH, Xanthine oxidase deficiency, Low-purine diet, Fanconi syndrome, Neoplastic disease (various, causing increased renal excretion), Liver disease.

Drugs: Salicylates (high-dose), allopurinol or febuxostat (xanthine oxidase inhibitors) or uricase.

~~~ 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.