

Dr. Vinay Chopra
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 MD (Pathology)
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NAME	: Mrs. SARITA ADHLAKHA	PATIENT ID	: 1398231
AGE/ GENDER	: 65 YRS/FEMALE	REG. NO./LAB NO.	: 012502220058
COLLECTED BY	:	REGISTRATION DATE	: 22/Feb/2025 02:32 PM
REFERRED BY	:	COLLECTION DATE	: 22/Feb/2025 02:34PM
BARCODE NO.	: 01525978	REPORTING DATE	: 22/Feb/2025 03:50PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
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CLINICAL CHEMISTRY/BIOCHEMISTRY

URIC ACID

URIC ACID: SERUM <i>by URICASE - OXIDASE PEROXIDASE</i>	4.07	mg/dL	2.50 - 6.80
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INTERPRETATION:-

1. GOUT occurs when high levels of Uric Acid in the blood cause crystals to form & accumulate around a joint.
 2. Uric Acid is the end product of purine metabolism . Uric acid is excreted to a large degree by the kidneys and to a smaller degree in the intestinal tract by microbial degradation.

INCREASED:-

(A).DUE TO INCREASED PRODUCTION:-

1. Idiopathic primary gout.
2. Excessive dietary purines (organ meats, legumes, anchovies, etc).
3. Cytolytic treatment of malignancies especially leukemias & lymphomas.
4. Polycythemia vera & myeloid metaplasia.
5. Psoriasis.
6. Sickle cell anaemia etc.

(B).DUE TO DECREASED EXCRETION (BY KIDNEYS)

1. Alcohol ingestion.
2. Thiazide diuretics.
3. Lactic acidosis.
4. Aspirin ingestion (less than 2 grams per day).
5. Diabetic ketoacidosis or starvation.
6. Renal failure due to any cause etc.

DECREASED:-

(A).DUE TO DIETARY DEFICIENCY

1. Dietary deficiency of Zinc, Iron and molybdenum.
2. Fanconi syndrome & Wilsons disease.
3. Multiple sclerosis .
4. Syndrome of inappropriate antidiuretic hormone (SIADH) secretion & low purine diet etc.

(B).DUE TO INCREASED EXCRETION

1. Drugs:-Probenecid , sulphinyprazole, aspirin doses (more than 4 grams per day), corticosteroids and ACTH, anti-coagulants and estrogens etc.

*** End Of Report ***



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.