

ISO 9001: 2015 Certified

PATIENT'S NAME · MS. JAIN KAREENA : 19 Years / Female **AGE / GENDER** REFERRED BY DR · KERING RAMESH · 701003257 PATIENT ID

SAMPLE COLLECTED BY

P.H.AUNDH

CLIENT P.H.AUNDH : 13/04/2021 02:37pm REGISTRATION DATE SAMPLE COLL. DATE 13/04/2021 02:38pm : 13/04/2021 06:12pm ACCESSION DATE AUTHENTICATION DATE · 13/04/2021 07:09pm



COMPLETE BLOOD COUNT

<u>Test</u>	Observed Value	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
HAEMOGLOBIN	L 10.5	g/dL	12.0 - 15.0
R.B.C COUNT	4.14	10^6 / uL	3.8 - 4.8
PCV	L 31.9	%	36 - 46
MCV	L 77. <mark>05</mark>	fL	83 - 101
мсн	լ 25. <mark>36</mark>	pg	27 - 32
мснс	32.92	g/dl	31.5 - 34.5
RDW	Н 15.6	%	11.0 - 14.5
PLATELET COUNT	276	x 10^3 /μL	150 - 410
MEAN PLATELET VOLUME(MPV)	9.0	fL	7.8 - 11.0
W.B.C COUNT	7300	per cu-mm	4000 - 10000
DIFFERENTIAL COUNT			
NEUTROPHILS	60.4	%	40.0 - 75.0
LYMPHOCYTES	30.4	%	20 - 45
EOSINOPHILS	2.3	%	1.0 - 6.0
MONOCYTES	5.9	%	0.0 - 10.0
BASOPHILS	1.0	%	0.0 - 1.0
RBC MORPHOLOGY	Mild Hypochromia		
W.B.C MORPHOLOGY	Normal		
PLATELET MORPHOLOGY	Platelet adequate		
Specimen: Whole Blood (EDTA) Method: Coulter Principle/Derived from WBC Histogram/Cyanmethhaemoglobin photometry/Calculated.			

End of Report





M.D. Consultant Pathologist

Instrument : Beckmen Coulter LH750/DXH800/Microscopy.



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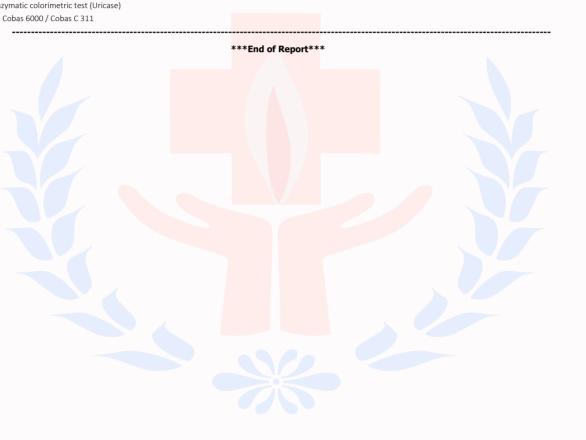
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BIOCHEMICAL TEST

Biological Observed Value **Test** <u>Unit</u> Reference Interval

URIC ACID 3.4 2.4 - 5.7 mg/dL

Serum by Enzymatic colorimetric test (Uricase) Instrument : Cobas 6000 / Cobas C 311







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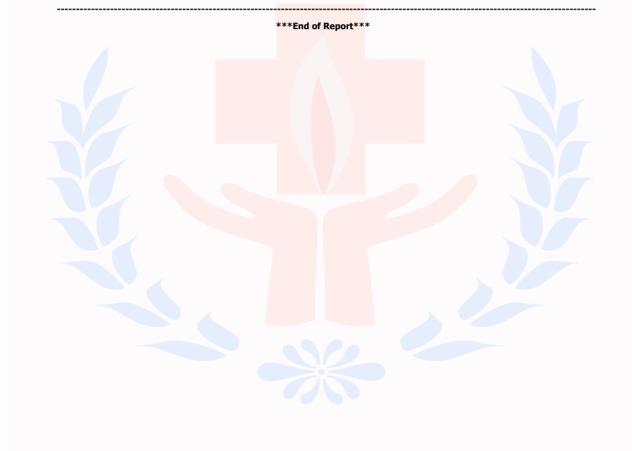
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TSH

Biological Observed Value **Test** <u>Unit</u> Reference Interval

THYROID STIMULATING HORMONE (TSH) 0.761 μIU/mL 0.7 - 6.4

Specimen : Serum By CMIA Instrument: ARCHITECT i2000 SRPLUS







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VITAMIN B12

Biological Test Observed Value <u>Unit</u> Reference Interval

VITAMIN B12 H 1182 : 180 - 914 pg/mL Normal

> Indeterminate: 145 - 180 Deficient : < 145

Specimen: Serum By ECLIA Instrument: Cohas 6000

INTERPRETATION

1. Increased level are seen in Chronic granylocytic leukemia, COPD, Chronic renal 1eukocytosis, Liver cell damage, Obesity, Polycythemia vera, Severe CHF

- 2. Decreased level are seen in Abnormalities of cobalamin transport or metabolism, Bacterial overgrowth, Dietary deficiency, Gastric or small intestine surgery, Inflammatory bowel disease, Intestinal malabsorption, Intrinisic factor deficiency and Late pregnancy,
- 3. Pregnany, smoking, hemodialysis, multiple myeloma, can decrease B 12 levels.
- 4. Patients taking vitamin B12 supplementation may have misleading results.
- 5. A normal serum B12 level does not rule out tissue deficiency of vitamin B12.

End of Report





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HBA1C

Biological Test Observed Value <u>Unit</u> Reference Interval

HbA1C 5.8 Normal : 4.0 - 5.6

Pre Diabetes: 5.7 - 6.4 Diabetic : > 6.5

MEAN GLUCOSE LEVEL 119.76 mg/dL

Specimen: Whole Blood EDTA

Method : HPLC

INTERPRETATION:

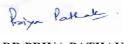
ADA Recommendation for Diabetic control

4 - 6 : Non-diabetic 6 - 7 : Excellent Control 7 - 8 : Fair To Good Control 8 - 10 : Unsatisfactory Control Above 10 : Poor Control

- 1. HbA1c is used for monitoring diabetic control and reflects mean plasma glucose over three months.
- 2. HbA1c is falsely low in diabetic with hemolytic disease. In these individuals a plasma fructosamine level may be used which evaluates diabetes over 15
- 3. Trends in HbA1c are a better indicator of diabetic control than a solitary test.
- 4. HbA1c value is used to estimate the mean plasma Glucose(MPG) level over the last 90 days.

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VITAMIN D TOTAL (25 HYDROXY)

Test Observed Value Unit Reference Interval

32.4

VITAMIN D TOTAL (25-HYDROXY VIT.D) ng/mL

Deficiency: < 10 Insufficiency: 10 - 30 Sufficiency: 30 - 100

13/04/2021 07:58pm

Toxicity: > 100

METHOD CMIA

INTERPRETATION:

1. Decreased in Malabsorption, Steatorrhea, Dietary osteomalacia, anticonvulsant osteomalacia, Billary & portal cirrhosis, Thyrotoxicosis, Pancreatic insufficiency, Celiac disease, Inflammatory bowel disease, Rickets, Alzheimer disease.

2. Increased in Vitamin D intoxication, Excessive exposure to sunlight.

End of Report





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