



Shri Panchnath Sarvajanik Medical Trust

Reg. E 7629

Managed



Smt. Manglaben Dayabhai Kotecha Hospital



Panchnath Temple, Limda Chowk, Rajkot-360001. Ph. 2223249

Email :- Panchnathtrust@gmail.com. Website :- www.Panchnath.in.

Facebook :- <https://www.facebook.com/panchnathmahadev>

9060

Patient's name : GEETABEN VINODBHAI SOLANKI
Age/Sex : 50 Years/Female GS173
Referred by : Self

Reg. ID : P-74106-24
Sample No. : 9060
Order Dt/time : 12/01/2025 13:29

HEMOGRAM

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Normal Range</u>
Hemoglobin	: 6.5	g/dl	[12.0-16.0]
Total RBC Count	: 3.67	mill/cmm	[4.2-5.4]
RBC Indices			
P.C.V	: 24.4	%	[37-47]
M.C.V.	: 66.5	femtolitre	[78-100]
M.C.H.	: 17.7	pg	[27-31]
M.C.H.C.	: 26.6	g/dl	[32-36]
R.D.W.	: 18.0	%	[11.5-14.0]
Total WBC Count	: 7390	/cmm	[4000-11000]
Differential WBC Count			
Polymorphs	: 58.4	%	[40-70]
Lymphocytes	: 34.2	%	[20-40]
Eosinophils	: 2.2	%	[01-05]
Monocytes	: 4.5	%	[02-08]
Basophils	: 0.7	%	[00-01]
Platelet Count	: 417000	/cmm	[150000-450000]
Platelet Indices			
M.P.V	: 9.4	femtolitre	[7.4-10.4]
P.D.W	: 16.1	%	[9-16]
P.C.T	: 0.390	%	[0.110-0.280]
nRBCs %	: 0.00	/100 WBC	

Test performed on 6 part / 5 part hematology cell counter.

Dr. Kalpesh Rathod
M.D. (Path)

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CREATININE

Test

Result

Unit

Normal Range

Serum creatinine

: 0.56

mg/dl

0.55-1.02

The test performed on fully automated SIEMENS DIMENSION EXL-200

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FASTING BLOOD SUGAR

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Normal Range</u>
Fasting blood sugar	: 98.0	mg/dl	Non Diabetic: 70 - 109 Impaired : 110 - 125 Diabetic: >126

Test performed on fully automated SIEMENS DIMENSION EXL-200.

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S.G.P.T(ALT)

Test

Result

Unit

Normal Range

S.G.P.T

: 15.4

U/L

00 - 45

Test performed on fully automated SIEMENS DIMENSION EXL-200.

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CALCIUM

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Normal Range</u>
S. Calcium	: 8.4	mg/dl	[8.5-10.1]

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LIPID PROFILE

<u>TEST</u>	<u>RESULTS</u>	<u>UNITS</u>	<u>NORMAL VALUES</u>
Cholesterol	: 108	mg/dl	Desirable level < 200 Borderline level 200-239 Elevated level > 240
Triglyceride	: 69.8	mg/dl	Upto 160
HDL Cholesterol	: 50.9	mg/dl	35.3 - 79.5
LDL Cholesterol (Direct LDL cholesterol)	: 28.5	mg/dl	Upto 130
VLDL	: 13.96	mg/dl	Upto 34
Chol./HDL Ratio	: 4.8		Low risk: 3.3-4.4; Average risk: 4.5-7.1 Moderate risk: 7.2-11.0; High risk: >11.0
LDL/HDL Ratio	: 0.6		2.5-3.5

Test performed on fully automated Erba EM 200.

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THYROID FUNCTION TEST

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Serum T3	: 1.34	ng/ml	0.60-1.81
Serum T4	: 8.62	µg/dl	3.2 -12.6
Serum TSH (Ultrasensitive- TSH3UL)	: 1.42	µIU/ml	0.55-4.78 Pregnancy Ref. Range: 1st Trimester- 0.1-2.5 2nd Trimester- 0.2-3.0 3rd Trimester- 0.3-3.0

Performed on SIEMENS ADVIA Centaur CP by CLIA Method.

Clinical Significance:

*Primary Hypothyroidism * Hyperthyroidism * Hypothalamic - Pituitary hypothyroidism
*Inappropriate TSH secretion * Nonthyroidal illness * Autoimmune thyroid disease
* Pregnancy associated thyroid disorders * Thyroid dysfunction in infancy and early childhood

Note:

-TSH levels are subject to circadian variation, reaching peak levels between 2 - 4.a.m. and at a minimum between 6-10 pm . The variation is of the order of 50% . hence time of the day has influence on the measured serum TSH concentrations.

-Values <0.03 uIU/mL need to be clinically correlated due to presence of a rare TSH variant in some individuals.

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BLOOD UREA

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Normal Range</u>
Blood Urea	: 18.2	mg/dl	[18 - 55 mg/dl]
Blood Urea Nitrogen	: 8.5	mg/dl	7 - 21

Test performed on fully automated SIEMENS DIMENSION EXL-200.

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SERUM VIT. B-12 Level

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Normal Range</u>
Serum B-12 Level	: 128.3	pg/ml	[Normal: 211- 911] [Deficient: 32 - 210]

The test is done on fully automated ADVIA Centaur CP - USA by ECLIA Method.

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URINE EXAMINATION

PHYSICAL EXAMINATION:

Volume	- 20 ml
Colour	- Pale Yellow
Blood	- Absent
Appearance	- Clear
Deposit	- Absent

CHEMICAL EXAMINATION:

Sp. Gravity	- 1.025
Protein	- Absent
Glucose	- Absent
Ketone	- Absent
Urobilinogens	- Normal
Bile Salts	- Absent
Bile Pigments	- Absent
Reaction	- Acidic

MICROSCOPIC EXAMINATION: [After centrifugation at 2000 r.p.m. for 5 minutes]

Pus Cells	- 2-4	/H.P.F
Red Cells	- Absent	/H.P.F.
Epithelial Cells	- 1-2	/H.P.F.
Casts	- Absent	
Crystals	- Absent	
Yeast Cells	- Absent	
Bacteria	- Absent	

Test is performed on 10 parameter semiauto urine chemistry analyser- Uriscan-PRO.

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