



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>



* 1 0 8 9 *

Patient's name : MOHIT P. SOLANKI

Age/Sex : 33 Years/Male

Referred by : C/o. Mediwheel (arcofemi Healthcare Ltd)

Reg. ID : P-70122-21

Sample No. : 1089

Order Dt/time : 08/01/2022 10:37

BLOOD GROUP- (ABO, Rh)

ABO System : "O"

Rh Typing : "POSITIVE"

Dr. Pravin Gojiya
M.D. (Path)

Print Date Time : 13/01/2022 15:48



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HEMOGRAM

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Normal Range</u>
Hemoglobin	: 15.0	g/dl	[13.0-18.0]
Total RBC Count	: 5.23	mill/cmm	[4.7-6.0]
RBC Indices			
P.C.V	: 47.1	%	[42-52]
M.C.V.	: 90.0	femtolitre	[78-100]
M.C.H.	: 28.7	pg	[27-31]
M.C.H.C.	: 31.8	g/dl	[32-36]
R.D.W.	: 13.8	%	[11.5-14.0]
Total WBC Count	: 6170	/cmm	[4000-11000]
Differential WBC Count			
Polymorphs	: 56	%	[40-70]
Lymphocytes	: 31	%	[20-40]
Eosinophils	: 05	%	[01-05]
Monocytes	: 08	%	[02-08]
Basophils	: 00	%	[00-01]
Platelet Count	: 373000	/cmm	[150000-450000]
Platelet Indices			
M.P.V	: 8.4	femtolitre	[7.4-10.4]
P.D.W	: 16.4	%	[9-16]
P.C.T	: 0.314	%	[0.110-0.280]

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

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ERYTHROCYTE SEDIMENTATION RATE (ESR)

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Normal Range</u>
After 1 hour	: 07	mm	[M: 1 - 7 / F: 3 - 12]

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FASTING BLOOD SUGAR

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Normal Range</u>
Fasting blood sugar	: 95.0	mg/dl	Non Diabetic: 70 - 109 Impaired : 110 - 125 Diabetic: >126
Fasting urine sugar	: Nil	-	
Fasting urine Ketone	: Absent		

Test performed on fully automated SIEMENS DIMENSION EXL-200.

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Gamma Glutamyltransferase (GGT)

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Normal Range</u>
G.G.T.	: 27.0	U/L	15-85

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HbA1c [Glycosylated Haemoglobin]

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Reference Range (%)</u>
Glycosylated Haemoglobin : 5.5 (HbA1c)		%	Non Diabetic Level: 4 - 6 Therapy Range: <7 Change of Therapy: >8
Estimated Average glucose : 111.15		mg/dl	70-126

Method : By HPLC (Performed on Biorad D10)

Interference:

- Elevated fetal haemoglobin (HbF) variant may cause falsely elevated HbA1c result.
- Conditions that shortens RBC life span (e.g. recovery from acute blood loss, hemolytic anemia) will falsely lower HbA1c test results.
- Iron deficiency anemia is associated with higher HbA1c concentration and iron replacement therapy lowers HbA1c concentrations.
- Clinical correlation and alternate methods of glucose estimation should be consider in above interference cases.

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LIPID PROFILE

<u>TEST</u>	<u>RESULTS</u>	<u>UNITS</u>	<u>NORMAL VALUES</u>
Cholesterol	: 233.0	mg/dl	Desirable level/low risk : < 200 Borderline level/moderate risk : 200-239 Elevated level/ high risk : > 240
Triglyceride	: 106.0	mg/dl	Normal : <150 Borderline high :150-200 High : 200 -499 Very high: >500
HDL Cholesterol	: 30.0	mg/dl	Low risk : >60 Moderate risk : 35-60 High risk : <35
LDL Cholesterol (Direct)	: 179.0	mg/dl	Desirable level/low risk : <130 Borderline level/moderate risk : 130-159 Elevated level/ high risk : >160
VLDL	: 21.2	mg/dl	Upto 34
Chol./HDL Ratio	: 7.8		3.5-5
LDL/HDL Ratio	: 6		2.5-3.5

Test performed on fully automated SIEMENS DIMENSION EXL-200.

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LIVER FUNCTION TEST

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Normal Range</u>
S.G.P.T. (ALT)	: 51.0	IU/L	[16-63]
S.G.O.T. (AST)	: 18.0	IU/L	[15-37]
S. Alkaline Phosphatase	: 99.0	IU/L	[50-136]
S. Bilirubin (Total)	: 0.5	mg/dl	[0.2-1.0]
S. Bilirubin (Direct)	: 0.1	mg/dl	[0.0-0.2]
S. Bilirubin (Indirect)	: 0.4	mg/dl	[0.0-0.9]
S. Proteins: (Total)	: 7.3	gm/dl	[6.4-8.2]
S. Albumin	: 3.8	gm/dl	[3.4-5.0]
S. Globulin	: 3.5	gm/dl	[2.5-3.5]
A/G Ratio	: 1.1		

Test performed on fully automated SIEMENS DIMENSION EXL-200

HBsAg : Non Reactive
(Hepatitis B surface antigen)
(Method: Immunochromatography)

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Thyroid Hormone Study

Test	Result	Unit	Reference Range
Serum T3	: 1.14	ng/ml	0.60-1.81
Serum T4	: 9.4	µg/dl	3.2-12.6
Serum TSH (Ultrasensitive- TSH3UL)	: 1.137	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

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

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BLOOD UREA NITROGEN/CREATININE RATIO

Test	Result	Unit	Normal Range
Blood Urea	: 18.0	mg/dl	14.9-38.5
Blood Urea Nitrogen(BUN)	: 8.4	mg/dl	7-21
Creatinine	: 0.73	mg/dl	0.70 -1.30
BUN/Creatinine Ratio	: 11.5		

The test is carried out on fully automated Siemens Dimension EXL-200

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SERUM URIC ACID

<u>Test</u>	<u>Result</u>	<u>Unit</u>	<u>Normal Range</u>
Serum uric acid	: 4.5	mg/dl	[3.5-7.2]

Test performed on fully automated SIEMENS DIMENSION EXL-200.

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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 - 5.0

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

- Pus Cells - 0-1 /H.P.F
- Red Cells - Occasional/H.P.F.
- Epithelial Cells - 0-1 /H.P.F.
- Casts - Absent
- Crystals - Absent
- Yeast Cells - Absent
- Trichomonas Vag. - Absent
- Bacteria - Absent

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

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