

Patient Name : MRS. SUDHA SINGH
 Age / Sex : 37Y/Female
 IP/Reg.No/UHID : Reg-14549 /UHID14549
 Lab No : LA24010991
 Referred By : Dr.SAMANVAY HOSPITAL
 Bedcategory/Bed :
 Mobile No :
 UHID : UHID14549
 Consultant : Mr. Samanvay Hospital
 Sponsor : **MEDIWHEEL**
 ABHA Address :
 Barcode No. : **39219,39220,39221,39222**

Bill No : OPB/1/24/11737
 Sample Collected : Nov 23 2024 12:03PM
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| Test Name | Results | Units | Biological Reference |
|---------------------------------------|-------------|-----------|----------------------|
| MICRO | | | |
| URINE ANALYSIS | | | |
| PHYSICAL EXAMINATION | | | |
| VOLUME | 30 ML | | |
| COLOUR | PALE YELLOW | | |
| APPEARANCE | CLEAR | | |
| CHEMICAL EXAMINATION | | | |
| PH | 7.0 | | 4.5 - 8.0 |
| SPECIFIC GRAVITY | 1.005 | | 1.000 - 1.030 |
| PROTEIN | Negative | | |
| GLUCOSE | Negative | | |
| KETONE | Negative | | |
| BLOOD | Negative | | |
| UROBILINOGEN | Negative | | |
| BILE PIGMENTS | Negative | | |
| BILE SALT | Negative | | |
| NITRITE | Negative | | |
| LEUKOCYTE ESTERASE | Negative | | |
| MICROSCOPIC EXAMINATION | | | |
| PUS CELLS | 1--2 | CELLS/HPF | 0 - 5 |
| RBC | NIL | RBC'S/HPF | 0 - 2 |
| EPITHELIAL CELLS | 1--2 | OCC/HPF | 0 - 5 |
| CASTS | NIL | | |
| CRYSTALS | NIL | | |
| HPLC | | | |
| HBA1C/ GLYOCO HB | | | |
| GLYCOCYLATED HAEMOGLOBIN(HBA1C)(HPLC) | 5.50 | % | 4.0 - 6.0 |




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Dr. Sweta Patel
MD (Pathology)

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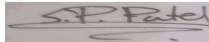
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| | | | |
|--|----------------|-------|---|
| AVERAGE BLOOD SUGAR | 111.15 | mg/dl | 0 - 140.0 |
| BIOCHEMISTRY | | | |
| LIPID PROFILE | | | |
| CHOLESTROL (TOTAL)(CHOD-PAP) | 192.0 | mg/dl | 0.0 - 200.0 Desirable blood cholesterol : <200 mg/dl Borderline high blood cholesterol : 200-239 mg/dl High blood cholesterol : >239 mg/dl |
| TRIGLYCERIDE(GPO-METHOD) | ↑ 206.5 | mg/dl | 0 - 161.0 NORMAL : <161 MG/DL HIGH : 161-199 MG/DL HYPERTRIGLYCERIDEMIC : 200-499 MG/DL |
| HDL CHOLESTEROL(DIRECT METHOD) | 47.5 | mg/dl | 42.0 - 88.0 |
| CHOLESTROL (TOTAL)/HDL RATIO(CALCULATED) | 4.04 | | 3.30 - 4.40 |
| VLDL | ↑ 41.30 | | 0 - 30.0 |
| LDL CHOLESTEROL(CALCULATED) | ↑ 144.5 | | 0 - 130.0 |
| LDL/HDL RATIO | 3.04 | | |
| CREATININE (BLOOD)(ENZYMATIC) | 0.68 | mg/dl | 0.6 - 1.1 |
| UREA(UREASE-GLDH) | ↓ 15.7 | mg/dl | 21.0 - 43.0 |
| BUN(UREASE-GLDH) | 7.33 | mg/dl | 5.0 - 21.0 |
| URIC ACID | 3.90 | mg/dl | 2.6 - 6.0 |
| BUN CREATININE RATIO(CALCULATED) | 10.7 | mg/dl | 10.0 - 20 |
| LIVER FUNCTION TEST | | | |
| BILIRUBIN-TOTAL(DIAZO) | 0.65 | mg/dl | 0.00 - 2.0 |
| BILIRUBIN-DIRECT(DIAZO) | 0.25 | mg/dl | 0.00 - 0.4 |
| BILIRUBIN-INDIRECT(DIAZO) | 0.40 | mg/dl | 0.00 - 1.10 |




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| | | | |
|---|------|-------|------------|
| SGOT(IFCC WITHOUT PYRIDOXAL PHOSPHATE) | 26.7 | U/L | 0 - 31 |
| SGPT(IFCC WITHOUT PYRIDOXAL PHOSPHATE) | 19.8 | U/mL | 0 - 34 |
| ALKALINE PHOSPHATASE(ALKP04)* (AMP-METHOD) | 60.0 | U/L | 42 - 141 |
| PROTEIN (SERUM)(BIURET) | 7.08 | g/dl | 6.4 - 8.3 |
| ALBUMIN(BCG) | 4.24 | g/dl | 3.5 - 5.2 |
| GLOBULIN(CALCULATED) | 2.84 | g/dl | 2.3 - 3.7 |
| A/G RATIO(CALCULATED) | 1.49 | Ratio | 1.0 - 2.0 |
| GAMMA GT(GLUPA C METHOD) | 13.5 | U/L | 0.0 - 58.0 |

IMMUNOLOGY

T3 T4 TSH

| | | | |
|------------------------------------|---------------|--------|-------------|
| TOTAL T3(CHEMILUMINESCENCE / CLIA) | 0.85 | ng/ml | 0.19 - 6.51 |
| TOTAL T4(CHEMILUMINESCENCE / CLIA) | 6.34 | ug/dl | 4.5 - 12.7 |
| TSH(CHEMILUMINESCENCE / CLIA) | ↑ 7.78 | μIU/mL | 0.35 - 4.78 |

Interpretation :

- TSH results between 4.5 to 15.0 show considerable physiologic and seasonal variation, suggest clinical correlation or repeat testing with fresh sample.
- TSH results between 0.1 to 0.45 requires correlation with patient age and clinical symptoms. As with increasing age, there are marked changes in thyroid hormone production, metabolism and its action resulting in an increase prevalence of sub-clinical thyroid disease.
- TSH values may be transiently altered because of non- thyroidal illness like severe infections, liver diseases, renal and heart failure, severe burns, trauma and surgery etc.
- Drugs that decreased TSH values e.g. L-dopa, glucocorticoid. Drugs that increase TSH values e.g. Iodine, Lithium and amiodarone.

BIOCHEMISTRY

FASTING BLOOD GLUCOSE*

FASTING BLOOD GLUCOSE(FBS)(GOD-POD) **↑ 106.6** mg/dl 74.0 - 100.0

FASTING URINE GLUCOSE

NIL

HEMATOLOGY

BLOOD GROUP RH

"O" POSITIVE

CBC WITH ESR




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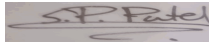
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| RBCS PARAMETER | | | |
| HAEMOGLOBIN(SLS METHOD) | ↓ 12.0 | g/dl | 13.0 - 17.0 |
| RBC COUNT(IMPEDENCE) | ↓ 3.95 | 10 ⁶ /uL | 4.50 - 5.50 |
| PCV (HEAMATOCRIT)(IMPEDENCE) | ↓ 38.3 | % | 40.0 - 50.0 |
| MCV(CALCULATED) | 97.0 | fl | 80.0 - 100.0 |
| MCH(CALCULATED) | 30.4 | pg | 27.0 - 33.0 |
| MCHC(CALCULATED) | ↓ 31.3 | g/dl | 32.0 - 36.0 |
| RDW-CV(PARTICLE COUNTER(CALCULATED)) | ↑ 15.7 | % | 11.6 - 14.0 |
| RDW-SD(PARTICLE COUNTER(CALCULATED)) | ↑ 56.9 | fl | 39 - 46 |
| WBCS PARAMETER | | | |
| TOTAL COUNT(FLOW CYTOMETRY) | ↓ 3570 | /uL | 4000 - 10000 |
| DLC | | | |
| NEUTROPHILS(FLOW CYTOMETRY) | 55 | % | 40 - 70 |
| LYMPHOCYTES(FLOW CYTOMETRY) | 37 | % | 20 - 40 |
| MONOCYTES(FLOW CYTOMETRY) | 06 | % | 2 - 8 |
| EOSINOPHILS(FLOW CYTOMETRY) | 02 | % | 1 - 4 |
| BASOPHILS(FLOW CYTOMETRY) | 00 | % | 0.0 - 1.0 |
| ABSOLUTE NEUTROPHIL COUNT(CALCULATED) | ↓ 1980.0 | 10 ³ /uL | 2000.0 - 7000.0 |
| ABSOLUTE LYMPHOCYTE COUNT(CALCULATED) | 1320.0 | 10 ³ /uL | 1000.0 - 3000.0 |
| ABSOLUTE MONOCYTE COUNT(CALCULATED) | 200.0 | 10 ³ /uL | 200.0 - 1000.0 |
| ABSOLUTE EOSINOPHIL COUNT(CALCULATED) | 60.0 | 10 ³ /uL | 20.0 - 500.0 |
| PLATELETS PARAMETER | | | |
| PLATELET COUNT(IMPEDENCE) | 237000 | /uL | 150000 - 450000 |
| MPV(IMPEDENCE) | 11.4 | fl | 8.0 - 13.0 |
| PDW(IMPEDENCE) | 14.9 | fl | 9.0 - 17.0 |
| ESR | 08 | mm/hr | 0 - 20 |

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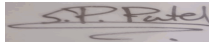
Units

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 ABHA Num :

Test Name

Results

Units

Biological Reference

BIOCHEMISTRY

POST BLOOD GLUCOSE(PP2)

PP2 BLOOD GLUCOSE(GOD-POD)

123.1

mg/dl

70.0 - 140.0


PP2 URINE GLUCOSE

NIL

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