

DEPARTMENT OF BIOCHEMISTRY

Patient Name	: MRS.. GHOLVE SUDARSHANA	Age /Gender	: 28 Y(s)/Female
Bill No/ UHID No	: PS003551 / P00000449081	Report Date	: 12-Nov-2022 4:12 pm
Received Date	: 12-Nov-2022 01:41 pm	Specimen	: SERUM
Lab No/Result No	:		
Referred By	: Dr. HOSPITAL CASE		

Investigation	Result	Reference Range	Method
BUN			
UREA	: 16.1	17.1-49.2 mg/dL	Urease
UREA NITROGEN(BUN)	: 7.4	6.0 - 20.0 mg/dL	
GLUCOSE (FASTING)	: 85.0	Prediabetic : 100 - 125 mg/dL Diabetic : >= 126 mg/dL Normal : < 100.0 mg/dL	GOD-POD
REFERENCE : ADA 2015 GUIDELINES			
GLUCOSE (POST PRANDIAL)	: 93.0	60 - 140 mg/dL	GOD-POD
CREATININE	: 0.5	0.5 - 1.2 mg/dL	Enzymatic
ELECTROLYTES (Na & K)			
SODIUM	: 144.0	136.0 - 145.0 mmol/L	Direct ISE
POTASSIUM	: 4.3	3.5 - 5.1 mmol/L	Direct ISE
CALCIUM	: 9.6	8.6 - 10.2 mg/dL	Arsenazo
PHOSPHOROUS	: 4.6	2.7-4.5 mg/dL	Phospho Molybdate
URIC ACID	: 4.3	2.6 - 6.0 mg/dL	Uricase
LIVER FUNCTION TEST			
TOTAL BILIRUBIN	: 0.3	0.3 - 1.2 mg/dL	Diazo
DIRECT BILIRUBIN	: 0.1	0.0 - 0.4 mg/dL	Diazo
INDIRECT BILIRUBIN	: 0.2	0.0 - 0.8 mg/dL	Diazo
ALANINE TRANSAMINASE	: 25	< 35 U/L	KINETIC
ASPARTATE TRANSAMINASE	: 25.0	10.0 - 40.0 U/L	Kinetic
ALKALINE PHOSPHATASE	: 75.0	30.0 - 115.0 U/L	4 NPP/AMP Buffer
TOTAL PROTEIN	: 7.3	6.0 - 8.0 g/dL	Biuret
ALBUMIN	: 4.4	3.5 - 4.8 g/dl	BCG
GLOBULIN	: 2.9	2.3-3.5 gm/dL	Calculated
A/G RATIO	: 1.5	1.0-2.1	Calculated
TOTAL PROTEIN	: 7.3	6.0 - 8.0 g/dL	Biuret
ALBUMIN	: 4.4	3.5 - 4.8 g/dl	BCG
GLOBULIN	: 2.9	2.3-3.5 gm/dL	Calculated
A/G RATIO	: 1.5	1.0-2.1	Calculated
LIPID PROFILE			
CHOLESTEROL	: 166.0	130.0 - 220.0 mg/dL	Enzymatic
TRIGLYCERIDES	: 139.0	35.0 - 180.0 mg/dL	Enzymatic
HDL CHOLESTEROL	: 45.0	35 - 65 mg/dL	Enzymatic
LDL CHOLESTEROL	: 92.0	10.0 - 130.0 mg/dL	Calculated
VLDL CHOLESTEROL	: 28.0	5.0 - 36.0 mg/dL	Calculated
CHOL/HDL RATIO	: 3.6	2.0 - 6.2	Calculated

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Received Date	: 12-Nov-2022 01:41 pm	Specimen	:
Lab No/Result No	:		
Referred By	: Dr. HOSPITAL CASE		

Investigation	Result	Reference Range	Method
ATP III NCEP GUIDELINES FOR INTERPRETATION OF LIPID PROFILE			
PARAMETER	DESIRABLE	BORDERLINE	REQUIRES TREATMENT
Total Cholesterol	Below 200	200 - 240	Above 240
HDL Cholesterol	Above 60	40 - 59	Below 40
LDL Cholesterol	Below 130	130-160	Above 160

T3-T4-TSH

Tri-iodothyronine (T3)	: 1.24	0.87 - 1.78 ng/ml	ECLIA
THYROXINE (T4), TOTAL	: 8.56	5.5 - 11.0 ug/dL	ECLIA
THYROID STIMULATING HORMONE (ULTRA)	: 2.35	0.28 - 3.89 uIU/mL	ECLIA

TSH - For pregnancy the reference range is as follows -

1st trimester : 0.6 - 3.4 uIU/mL
2nd trimester : 0.37 - 3.6 uIU/mL
3rd trimester : 0.38 - 4.04 uIU/mL

GLYCOSYLATED HAEMOGLOBIN (HBA1c)	: 5.1	Prediabetic : 5.7 - 6.4 % Diabetic : >= 6.5 % Therapeutic Target : < 7.0 %	HPLC
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REFERENCE : ADA 2015 GUIDELINES

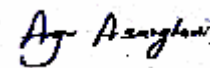
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Verified By

ANAND

NOTE:

* Clinically correlate, Kindly discuss if necessary.
* This report relates only to the item received.



Dr. ANJANA SANGHAVI , MD PATHOLOGY

Consultant Pathologist

DEPARTMENT OF CLINICAL PATHOLOGY

Patient Name	: MRS.. GHOLVE SUDARSHANA	Age /Gender	: 28 Y(s)/Female
Bill No/ UHID No	: PS003551 / P00000449081	Report Date	: 12-Nov-2022 3:37 pm
Received Date	: 12-Nov-2022 01:41 pm	Specimen	: URINE
Lab No/Result No	:	Sec/Cup/Rep	: No. 0327
Referred By	: Dr. HOSPITAL CASE		

<u>Investigation</u>	<u>Result</u>	<u>Reference Range</u>
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URINE ROUTINE

PHYSICAL EXAMINATION

COLOUR : Pale Yellow
APPEARANCE : Clear

CHEMICAL TEST

pH	: 5.0	5.0-7.0
SPECIFIC GRAVITY	: 1.025	1.015-1.030
ALBUMIN	: Absent	Absent
SUGAR	: Absent	Absent
KETONE BODIES	: Absent	Absent
BILE PIGMENTS	: Absent	Absent
UROBILINOGEN	: Normal	Normal
NITRITES	: Absent	Absent
LEUCOCYTES ESTERASE	: Absent	Absent

MICROSCOPIC TEST

PUS CELLS.	: 2-3	0-5 /hpf
RED BLOOD CELLS.	: Absent	0 - 2 /hpf
EPITHELIAL CELLS.	: 1-2	0 - 5 /hpf
BACTERIA	: Absent	Absent
CAST	: Absent	Absent
YEAST CELLS	: Absent	Absent
CRYSTALS	: Absent	Absent
OTHERS	: Absent	Absent

Note: This test is performed on automated CLINICAL PATHOLOGY analyzer - URI PLUS200

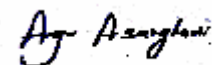
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Dr. ANJANA SANGHAVI, MD PATHOLOGY

Consultant Pathologist

DEPARTMENT OF HAEMATOLOGY

Patient Name	: MRS.. GHOLVE SUDARSHANA	Age /Gender	: 28 Y(s)/Female
Bill No/ UHID No	: PS003551 / P00000449081	Report Date	: 12-Nov-2022 3:31 pm
Received Date	: 12-Nov-2022 01:41 pm	Specimen	: EDTA WHOLE BLOOD
Lab No/Result No	:		
Referred By	: Dr. HOSPITAL CASE		

Investigation	Result	Reference Range	Method
HAEMOGRAM REPORT			
W.B.C.COUNT	: 8,400	4000 - 11000 /ul	Coulter Principle
Differential Count			
NEUTROPHILS	: 56.5	40-75 %	Derived from WBC Histogram
LYMPHOCYTES	: 31.6	20-40 %	
MONOCYTES	: 2.9	2-10 %	
EOSINOPHILS	: 7.8	1.0 - 6.0 %	
BASOPHILS	: 1.2	0.0 - 1.0 %	
ABSOLUTE NEUTROPHIL COUNT	: 4.74	2 - 7 x10 ³ cells/ul	
ABSOLUTE LYMPHOCYTE COUNT	: 2.65	1 - 3 x10 ³ cells/ul	
ABSOLUTE MONOCYTE COUNT	: 0.25	0.2-1.0 x10 ³ cells/ul	
ABSOLUTE EOSINOPHIL COUNT	: 0.65	0.02-0.5 x10 ³ cells/ul	
ABSOLUTE BASOPHIL COUNT	: 0.10	0.02-0.1 x10 ³ cells/ul	
R.B.C COUNT	: 4.96	3.8 - 5.8 million/ul	Coulter Principle
HAEMOGLOBIN	: 13.7	12 - 15.0 g/dl	Cynmethhaemoglobin, Photometry
HAEMATOCRIT	: 40.9	36-46 %	Calculated Parameter
MCV	: 82.6	83 - 99 fL	Coulter Principle
MCH	: 27.7	27-32 pg	Calculated parameter
MCHC	: 33.5	31.5-34.5 g/dL	Calculated Parameter
RDW	: 11.8	11.6-14.0 %	Calculated from RBC Histogram
PLATELET COUNT	: 428	150 - 450 x10 ³ /ul	Coulter principle
MPV	: 7.8	7.8-11 fl	Coulter Principle
ESR at 1 Hour	: 10	0 - 20 mm/hr	Modified Westergren Method

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INTERPRETATION :

ESR is a screening test to detect presence of systemic disease; however a normal result does not rule out a systemic disease.

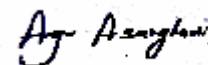
ESR is also used to monitor course of disease or response to therapy if initially elevated.

BLOOD GROUP : AB RH POSITIVE

*** End Of Report ***

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