

Patient Name: MS. ARPITA MOHANTY / MRN-240800617  
Age / Gender : 18 Yr / F  
Address: 16 Dk2 Sch- 74c Vijaunagar, Indore, MADHYA PRADESH  
Req. Doctor: V ONE HOSPITAL  
Regn. Number: WALKIN.24-25-7924  
Request Date : 10-08-2024

### USG WHOLE ABDOMEN

Liver is normal in size (13.8 cm) and shape. Its echogenicity is normal. Margins are smooth and regular. The portal vein and biliary radicals are normal in calibre.

GB is well distended. Wall thickness is normal with echofree lumen. CBD is within normal limits.

Pancreas is normal in size, shape and echo pattern.

Bilateral kidneys are normal in shape, size and echotexture. Corticomedullary differentiation is maintained. No evidence of any calculus or hydronephrosis seen.

Rt. Kidney length: 9.3 cm

Lt. Kidney length: 9.7 cm

Spleen is normal in size and echopattern.

Urinary bladder is normal in shape and size. Lumen appears echofree. Wall thickness is normal.

Uterus is anteverted, normal in size, measuring app 5.4x4.2x3.6 cm. Myometrial echotexture is homogenous.

Endometrial echoes are 6 mm thick & central. Cervix is normal in size and echotexture.

Bilateral ovaries are normal in size and position.

No obvious adnexal lesion seen.

No free fluid in pouch of Douglas.

No evidence of ascites / pleural effusion.

Visualized bowel loops are normal in course and calibre.

### IMPRESSION :-

**No significant abnormality detected.**



**DR. RAVINDRA SINGH**

Consultant Radiologist

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Reg No.: NH/4126/Sep-2021

CIN: U85300MP2021PTC056037

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Request Date : 10-08-2024 09:41 AM

Reporting Date : 10-08-2024 05:25 PM  
Report Status : Finalized

**X-RAY CHEST AP**

Size and shape of heart are normal.

C.P. angles are clear.

Lung fields are clear.

Soft tissues and rib cage are normal.

END OF REPORT

  
Dr. RADIOLOGIST



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**IMMUNOLOGY**

**Request Date :** 10-08-2024 09:41 AM  
**Collection Date :** 10-08-2024 09:45 AM | PATH5098  
**Acceptance Date :** 10-08-2024 09:47 AM | TAT: 09:37 [HH:MM]  
**Reporting Date :** 10-08-2024 07:24 PM  
**Reporting Status :** Finalized

Investigations	Result	Biological Reference Range
<b>Thyroid Profile</b>		
T3	1.08 ng/dL	0.58 - 1.62 ng/dL (Age 1 - 100 )
T4	8.79 ug/dl	5 - 14.5 ug/dl (Age 1 - 100 )
TSH	1.75 uIU/ml	0.35 - 5.1 uIU/ml (Age 1 - 100 )

Interpretation: Ultra sensitive-thyroid stimulating hormone (TSH) is a highly effective screening assay for thyroid disorders. In patients with an intact pituitary-thyroid axis, sTSH provides a physiologic indicator of the functional level of thyroid hormone activity. Increased s-TSH indicates inadequate thyroid hormone, and suppressed s-TSH indicates excess thyroid hormone. Transient s-TSH abnormalities may be found in seriously ill, hospitalized patients, so this is not the ideal

setting to assess thyroid function. However, even in these patients, s-TSH works better than total thyroxine (an alternative screening test). when the s-TSH result is abnormal, appropriate follow-up tests T4 & free T3 levels should be performed. If TSH is between 5.0 to 10.0 & free T4 & free T3 level are normal then it is considered as subclinical hypothyroidism which should be followed up after 4 weeks & If TSH is > 10 & free T4 & free T3 level are normal then it is considered as overt hypothyroidism.

Serum triiodothyronine (T3) levels often are depressed in sick and hospitalized patients, caused in part by the biochemical shift to the production of reverse T3. Therefore, T3 generally is not a reliable predictor of hypothyroidism. However, in a small subset of hyperthyroid patients, hyperthyroidism may be caused by overproduction of T3 (T3 toxicosis). To help diagnose and monitor this subgroup, T3 is measured on all specimens with suppressed s-TSH and normal FT4 concentrations.

Normal ranges of TSH & thyroid hormones vary according trimester in pregnancy. TSH ref range in Pregnancy Reference range (microIU/ml)

First trimester 0.24 - 2.00

Second trimester 0.43-2.2

END OF REPORT.

**DR. QUTBUDDIN CHAHWALA**  
M.D. PATHOLOGIST

Result relate to the sample as received.

V-ONE HOSPITAL Department of Laboratory Medicine.

The Test results are for diagnostic purpose only, not for medico legal purpose.



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**BIOCHEMISTRY**

**Request Date :** 10-08-2024 09:41 AM  
**Collection Date :** 10-08-2024 09:45 AM | BIO6985  
**Acceptance Date :** 10-08-2024 09:47 AM | TAT: 09:35 [HH:MM]

**Reporting Date :** 10-08-2024 07:22 PM  
**Reporting Status :** Finalized

Investigations	Result	Biological Reference Range
GGT(GAMMA GLUTAMYL TRANSFERASE)	21.5 U/L	F 9 - 39 U/L

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**Request Date :** 10-08-2024 09:41 AM  
**Collection Date :** 10-08-2024 09:45 AM | BIO6985  
**Acceptance Date :** 10-08-2024 09:47 AM | TAT: 08:17 [HH:MM]

**Reporting Date :** 10-08-2024 06:04 PM  
**Reporting Status :** Finalized

Investigations	Result	Biological Reference Range
<b>FBS &amp; PPBS *[ Ser/Plas ]</b>		
FBS	101 mg/dL	70 - 110 mg/dL
PPBS	138.2 mg/dL	100 - 140 mg/dL

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**Request Date :** 10-08-2024 09:41 AM  
**Collection Date :** 10-08-2024 09:45 AM | BIO6985  
**Acceptance Date :** 10-08-2024 09:47 AM | TAT: 08:15 [HH:MM]

**Reporting Date :** 10-08-2024 06:02 PM  
**Reporting Status :** Revised And Finalized

Investigations	Result	Biological Reference Range
URIC ACID	4.5 mg/dL	F 2.6 - 6 mg/dL
BUN		
BUN	14 mg/dL	5 - 20 mg/dL
CREATININE	0.80 mg/dL	0.7 - 1.4 mg/dL
BUN / CREATINE RATIO	17.5	10 - 20
AST/ ALT RATIO	0.89	< 1

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**Acceptance Date :** 10-08-2024 09:47 AM | TAT: 08:14 [HH:MM]

**BIOCHEMISTRY**  
**Reporting Date :** 10-08-2024 06:01 PM  
**Reporting Status :** Finalized

Investigations	Result	Biological Reference Range
<b>Lipid Profile</b>		
Total Cholesterol	120 mg/dL	0 - 200 mg/dL
Tryglyceride	<b>99 mg/dL *</b>	150 - 200 mg/dL
HDL Cholesterol	36.7 mg/dL	35 - 79 mg/dL
VLDL (Calculated)	19.8 mg/dL	5 - 40 mg/dL
LDL	63.5 mg/dL	0 - 130 mg/dL
Total Cholesterol /HDL	3.27	0 - 5
LDL/HDL	1.73	0.3 - 5

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**Acceptance Date :** 10-08-2024 09:47 AM | TAT: 08:11 [HH:MM]

**Reporting Date :** 10-08-2024 05:58 PM  
**Reporting Status :** Finalized

Investigations	Result	Biological Reference Range
<b>LFT</b>		
SGOT	22.1 U/L	0 - 40 U/L
SGPT	24.8 U/L	F 0 - 31 U/L
TOTAL BILIRUBIN	<b>1.55 mg/dL *</b>	0 - 1.1 mg/dL
DIRECT BILIRUBIN	<b>0.48 mg/dL *</b>	0 - 0.2 mg/dL
INDIRECT BILIRUBIN	<b>1.07 mg/dL *</b>	0.2 - 0.8 mg/dL
TOTAL PROTEIN	7.50 mg/dL	6.6 - 8.8 mg/dL
S.ALBUMIN	4.59 mg/dL	3.5 - 5.5 mg/dL
GLOBULIN	2.91 mg/dL	2 - 3.5 mg/dL
A.G.RATIO	<b>1.58 *</b>	1.1 - 1.5
ALKALINE PHOSPHATASE	95 U/L	F 35 - 104 U/L CHILD 54 - 369 U/L
PT INR		
PT	13.8 sec	13 - 15 sec
CONTROL	12.8 sec	
INR	1.07	0.8 - 1.1
HBSAG	Non Reactive	
ALT / AST RATIO	1.12	< 1.5
AST / ALT RATIO	0.89	< 1

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**Request Date :** 10-08-2024 09:41 AM  
**Collection Date :** 10-08-2024 09:45 AM | H-5810  
**Acceptance Date :** 10-08-2024 09:47 AM | TAT: 08:10 [HH:MM]

**HAEMATOLOGY**

**Reporting Date :** 10-08-2024 05:57 PM  
**Reporting Status :** Finalized

Investigations	Result	Biological Reference Range
<b>BLOOD GROUP</b>		
ABO GROUP	O	
RH FACTOR	Positive	
<b>HBA1C</b>		
Glyco Hb (HbA1C)	5.0 %	4 - 6 %
Estimated Average Glucose	96.8 mg/dL	mg/dL

Interpretation: 1.HbA1C has been endorsed by clinical groups and American Diabetes Association guidelines 2017 for diagnosing diabetes using a cut off point of 6.5%

2.Low glycated haemoglobin in a non diabetic individual are often associated with systemic inflammatory diseases, chronic anaemia (especially severe iron deficiency and haemolytic), chronic renal failure and liver diseases. Clinical correlation suggested.

3.In known diabetic patients, following values can be considered as a tool for monitoring the glycemc control. Excellent control-6-7 %

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**Request Date :** 10-08-2024 09:41 AM **HAEMATOLOGY**  
**Collection Date :** 10-08-2024 09:45 AM | H-5810 **Reporting Date :** 10-08-2024 05:56 PM  
**Acceptance Date :** 10-08-2024 09:47 AM | TAT: 08:09 [HH:MM] **Reporting Status :** Finalized

Investigations	Result	Biological Reference Range
<b>CBC</b>		
Haemoglobin	12.7 gm%	F 12 - 15 gm% (Age 1 - 100 )
RBC Count	<b>4.53 mill./cu.mm *</b>	F 4.6 - 6 mill./cu.mm (Age 1 - 100 )
Packed Cell Volume (PCV)	<b>37.6 % *</b>	F 38 - 45 % (Age 1 - 100 )
MCV	82.9 Cu.m.	76 - 96 Cu.m. (Age 1 - 100 )
MCH	28.1 pg	27 - 32 pg (Age 1 - 100 )
MCHC	33.9 %	30.5 - 34.5 % (Age 1 - 100 )
Platelet Count	304 $10^3/uL$	150 - 450 $10^3/uL$ (Age 1 - 100 )
Total Leukocyte Count (TLC)	7.91 $10^3/uL$	4.5 - 11 $10^3/uL$ (Age 1 - 100 )
Differential Leukocyte Count (DLC)		
Neutrophils	60 %	40 - 70 % (Age 1 - 100 )
Lymphocytes	37 %	20 - 40 % (Age 1 - 100 )
Monocytes	02 %	2 - 10 % (Age 1 - 100 )
Eosinophils	01 %	1 - 6 % (Age 1 - 100 )
Basophils	00 %	< 1 %
<b>ESR (WINTROBE METHOD)</b>	10 mm/hr	F 0 - 19 mm/hr

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