

NAME : **Mrs. LALITHA K**
AGE/SEX : 33 Yrs / Female
REFERRED BY :
REF CENTER : MEDIWHEEL

MR/VISIT NO : 23090687 / 180567
BILLED TIME : 23-09-2023 at 07:56 AM
BILL NO : 212553
DATE OF REPORT : 23-09-2023 at 09:35 AM

MEDIWHEEL HEALTH CHECKUP FEMALE

RADIOLOGY

X-RAY REPORT- CHEST PA VIEW

OBSERVATIONS:

Trachea is in midline.

Mediastinum and cardiac silhouette appears normal.

Bilateral lung fields appear normal.

Bilateral costo-phrenic and cardio-phrenic angles are clear.

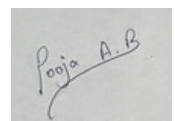
Both the hila appear normal.

Visualized bones appear normal.

Visualized soft tissue shadow appears normal.

IMPRESSION:

- **No significant abnormality detected.**



Diagnosics & Speciality Centre

NAME : **Mrs. LALITHA K** MR NO. : 23090687
AGE/SEX : 33 Yrs / Female VISIT NO. : 180567
REFERRED BY : DATE OF COLLECTION : 23-09-2023 at 08:01 AM
DATE OF REPORT : 23-09-2023 at 01:41 PM
REF CENTER : MEDIWHEEL



TEST PARAMETER RESULT REFERENCE RANGE SPECIMEN

MEDIWHEEL HEALTH CHECKUP FEMALE

HAEMATOLOGY

COMPLETE BLOOD COUNT (CBC) WITH ESR

Automated Cell Counter

HAEMOGLOBIN <i>Colorimetric Method</i>	8.9 gm/dL	12 - 16 gm/dL
HEMATOCRIT (PCV) <i>Calculated</i>	29.6 %	36 - 47 %
RED BLOOD CELL (RBC) COUNT <i>Electrical Impedance</i>	4.26 million/cu.mm	4 - 5.2 million/cu.mm
PLATELET COUNT <i>Electrical Impedance</i>	3.55 Lakhs/cumm	1.5 - 4.5 Lakhs/cumm
MEAN CELL VOLUME (MCV) <i>Calculated</i>	69.4 fl	80 - 100 fl

Note : All normal and abnormal platelet counts are cross checked on peripheral smear.

MEAN CORPUSCULAR HEMOGLOBIN (MCH) <i>Calculated</i>	20.9 pg	26 - 34 pg
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (MCHC) <i>Calculated</i>	30.2 %	31 - 35 %
TOTAL WBC COUNT (TC) <i>Electrical Impedance</i>	6860 cells/cumm	4000 - 11000 cells/cumm
NEUTROPHILS <i>VCS Technology/Microscopic</i>	64.7 %	40 - 75 %
LYMPHOCYTES <i>VCS Technology/Microscopic</i>	28.6 %	25 - 40 %

DIFFERENTIAL COUNT

EOSINOPHILS <i>VCS Technology/Microscopic</i>	2.0 %	0 - 7 %
MONOCYTES <i>VCS Technology/Microscopic</i>	4.7 %	1 - 8 %
BASOPHILS <i>Electrical Impedance</i>	00 %	
RED CELL DISTRIBUTION WIDTH (RDW) <i>Automated Cell Counter, Derived From Rbc Histogram</i>	14.8 %	12.3 - 15.85 %

BLOOD GROUP & Rh TYPING "O" Positive
Tube Agglutination (Forward and Reverse)



Lab Seal



Dr. VAMSEEDHAR.A

D.C.P, M.D

CONSULTANT PATHOLOGIST, KMC No : 50937

Diagnosics & Speciality Centre

NAME : **Mrs. LALITHA K** MR NO. : 23090687
AGE/SEX : 33 Yrs / Female VISIT NO. : 180567
REFERRED BY : DATE OF COLLECTION : 23-09-2023 at 08:01 AM
DATE OF REPORT : 23-09-2023 at 01:41 PM
REF CENTER : MEDIWHEEL



TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
GLYCATED HAEMOGLOBIN (HbA1C) <i>HPLC</i>	6.3 %	American Diabetic Association (ADA) recommendations: Non diabetic adults : <5.7 % At risk (Pre diabetic): 5.7 – 6.4% Diabetic : >= 6.5% Therapeutic goal for glycemic control : Goal for therapy: < 7.0% Action suggested: > 8.0%	

ESTIMATED AVERAGE GLUCOSE (eAG) 134.11 mg/dL
Calculation

Comments:

This assay is useful for diagnosing Diabetes and evaluating long term control of blood glucose concentrations in diabetic patients. It reflects the mean glucose concentration over the previous period of 8 to 12 weeks and is a better indicator of long term glycemic control as compared with blood and urine glucose measurements. This provides an additional criterion for assessing glucose control because glycated hemoglobin values are free of day-to-day glucose fluctuation and are unaffected by exercise or food ingestion.

After a sudden alteration in blood glucose concentration, the rate of change of HbA1c is rapid during initial 2 months, followed by more gradual change approaching steady state 3 months later.

CLINICAL BIOCHEMISTRY

POST PRANDIAL BLOOD SUGAR <i>Hexokinase</i>	112.4 mg/dl	80 - 150 mg/dl
FASTING BLOOD SUGAR <i>Hexokinase</i>	99 mg/dl	70 - 110 mg/dl



Lab Seal



Dr. VAMSEEDHAR.A

D.C.P, M.D

CONSULTANT PATHOLOGIST, KMC No : 50937

Diagnosics & Speciality Centre

NAME : **Mrs. LALITHA K** MR NO. : 23090687
AGE/SEX : 33 Yrs / Female VISIT NO. : 180567
REFERRED BY : DATE OF COLLECTION : 23-09-2023 at 08:01 AM
DATE OF REPORT : 23-09-2023 at 01:41 PM
REF CENTER : MEDIWHEEL



TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
LIPID PROFILE TEST <i>Spectrometry</i>			
TOTAL CHOLESTEROL <i>Cholesterol Oxidase-Peroxidase (CHOD-POD)</i>	157 mg/dL	up to 200 mg/dL Border Line: 200 – 240 mg/dL High: > 240 mg/dL	
TRIGLYCERIDES <i>Glycerol Peroxidase-Peroxidase (GPO-POD)</i>	160 mg/dL	up to 150 mg/dL Desirable: <150 mg/dL Border Line: 150 – 200 mg/dL High: >200 – 500 mg/dL Very High: > 500 mg/dL	
HDL CHOLESTEROL - DIRECT <i>PEG-Cholesterol Esterase</i>	40.1 mg/dl	40 - 60 mg/dl >= 60mg/dL - Excellent (protects against heart disease) 40-59 mg/dL - Higher the better <40 mg/dL - Lower than desired (major risk for heart disease)	
LDL CHOLESTEROL - DIRECT <i>Cholesterol Esterase-Cholesterol Oxidase</i>	84.9 mg/dL	up to 100 mg/dL 100-129 mg/dL- Near optimal/above optimal 130-159 mg/dL- Borderline High 160-189 mg/dL- High 190->190 mg/dL - Very High	
VLDL CHOLESTEROL <i>Calculation</i>	32.0 mg/dL	2 - 30 mg/dL	
TOTAL CHOLESTROL/HDL RATIO <i>Calculation</i>	3.9	up to 3 3.0-4.4 - Moderate >4.4 - High	
LDL/HDL RATIO <i>Calculation</i>	2.1	up to 2.5 2.5-3.3 - Moderate >3.3 - High	



Lab Seal



Dr. VAMSEEDHAR.A

D.C.P, M.D

CONSULTANT PATHOLOGIST, KMC No : 50937


Diagnosics & Speciality Centre

NAME : Mrs. LALITHA K	MR NO. : 23090687
AGE/SEX : 33 Yrs / Female	VISIT NO. : 180567
REFERRED BY :	DATE OF COLLECTION : 23-09-2023 at 08:01 AM
	DATE OF REPORT : 23-09-2023 at 01:41 PM
REF CENTER : MEDIWHEEL	

TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
LIVER FUNCTION TEST (LFT)			
<i>Spectrometry</i>			
TOTAL BILIRUBIN	0.41 mg/dL	0.2 - 1.2 mg/dL	
<i>Colorimetric Diazo Method</i>			
DIRECT BILIRUBIN	0.20 mg/dL	0 - 0.4 mg/dL	
<i>Colorimetric Diazo Method</i>			
INDIRECT BILIRUBIN	0.21 mg/dL	0.2 - 0.8 mg/dL	
<i>Calculation</i>			
S G O T (AST)	17 U/L	up to 31 U/L	
<i>IFCC Without Pyridoxal Phosphates</i>			
S G P T (ALT)	23 U/L	up to 46 U/L	
<i>IFCC Without Pyridoxal Phosphates</i>			
ALKALINE PHOSPHATASE	94 U/L	36 - 113 U/L	
<i>p-Nitrophenyl Phosphate</i>			
SERUM GAMMA GLUTAMYLTRANSFERASE (GGT)	27 U/L	5 - 55 U/L	
<i>GCNA-IFCC</i>			
TOTAL PROTEIN	6.60 g/dl	6.2 - 8 g/dl	
<i>Biuret Colorimetric</i>			
S.ALBUMIN	3.63 g/dl	3.5 - 5.2 g/dl	
<i>Bromocresol Green (BCG)</i>			
S.GLOBULIN	3 g/dl	2.5 - 3.8 g/dl	
<i>Calculation</i>			
A/G RATIO	1.2	1 - 1.5	
<i>Calculation</i>			
BLOOD UREA			
<i>UREASE-GLUTAMATE DEHYDROGENASE (GLDH)</i>	25 mg/dL	15 - 50 mg/dL	
CREATININE			
<i>Jaffe Kinetic</i>	0.7 mg/dL	0.4 - 1.4 mg/dL	
URIC ACID			
<i>Uricase-Peroxidase</i>	4.3 mg/dL	2.5 - 6 mg/dL	
SERUM ELECTROLYTES			
SODIUM			
<i>Ion Selective Electrode (ISE)</i>	137 mmol/L	136 - 145 mmol/L	
POTASSIUM			
<i>Ion Selective Electrode (ISE)</i>	4.93 mmol/L	3.5 - 5.2 mmol/L	
CHLORIDE			
<i>Ion Selective Electrode (ISE)</i>	102 mmol/L	97 - 111 mmol/L	



Lab Seal




Dr. VAMSEEDHAR.A

D.C.P, M.D

CONSULTANT PATHOLOGIST, KMC No : 50937

Diagnosics & Speciality Centre

NAME : Mrs. LALITHA K	MR NO. : 23090687
AGE/SEX : 33 Yrs / Female	VISIT NO. : 180567
REFERRED BY :	DATE OF COLLECTION : 23-09-2023 at 08:01 AM
	DATE OF REPORT : 23-09-2023 at 01:41 PM
REF CENTER : MEDIWHEEL	

TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
----------------	--------	-----------------	----------

CLINICAL PATHOLOGY

URINE ROUTINE & MICROSCOPIC

Strips & Microscopy

PHYSICAL EXAMINATION

Colour <i>Visual Method</i>	Pale Yellow	Pale yellow- yellow
Appearance <i>Visual Method</i>	Slightly Turbid	Clear/Transparent
Specific Gravity <i>Strips Method</i>	1.010	1.005-1.035
pH	6.0	4.6-8.5

CHEMICAL EXAMINATION (DIPSTICK)

Protein <i>Strips Method</i>	Nil	Nil -Trace
Glucose <i>Strips Method</i>	Nil	Nil
Blood <i>Strips Method</i>	Present (+)	Negative
Ketone Bodies <i>Strips Method</i>	Absent	Negative
Urobilinogen <i>Strips Method</i>	Normal	Normal
Bile Salt <i>Strips Method</i>	Negative	Negative
Bilirubin <i>Strips Method</i>	Negative	Negative
Bile Pigments	Negative	NIL

MICROSCOPY

Pus Cells (WBC) <i>Light Microscopic</i>	5 - 6 /hpf	0-5/hpf
Epithelial Cells <i>Light Microscopic</i>	2 - 3 /hpf	0-4/hpf
RBC <i>Light Microscopic</i>	2 - 3 /hpf	0-2/hpf
Cast <i>Light Microscopic</i>	NIL	NIL
Crystal <i>Light Microscopic</i>	NIL	Nil

FASTING URINE SUGAR (FUS)	NIL	NIL
---------------------------	-----	-----



Lab Seal



Dr. VAMSEEDHAR.A

D.C.P, M.D

CONSULTANT PATHOLOGIST, KMC No : 50937

Diagnosics & Speciality Centre

NAME : **Mrs. LALITHA K** MR NO. : 23090687
AGE/SEX : 33 Yrs / Female VISIT NO. : 180567
REFERRED BY : DATE OF COLLECTION : 23-09-2023 at 08:01 AM
DATE OF REPORT : 23-09-2023 at 01:41 PM
REF CENTER : MEDIWHEEL



TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
POSTPRANDIAL URINE SUGAR	NIL	NIL	

IMMUNOASSAY

THYROID PROFILE

TOTAL TRIIODOTHYRONINE (T3) <small>CMIA</small>	1.40 ng/mL	0.87 - 1.78 ng/mL
TOTAL THYROXINE (T4) <small>CMIA</small>	6.75 µg/dL	6.09 - 12.23 µg/dL
THYROID STIMULATING HORMONE (TSH) <small>CMIA</small>	23.5 µIU/mL	0.38 - 5.33 µIU/mL 1st Trimester: 0.05 - 3.70 2nd Trimester: 0.31 - 4.35 3rd Trimester: 0.41 - 5.18

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.
- Recommended test for T3 and T4 is unbound fraction or free levels as it is metabolically active.
- Physiological rise in Total T3 / T4 levels is seen in pregnancy and in patients on steroid therapy.

Clinical Use:

- 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

Dispatched by: KIRAN

**** End of Report ****

Printed by: Kiran kumar H P on 23-09-2023 at 01:41 PM



Lab Seal



Dr. VAMSEEDHAR.A

D.C.P, M.D

CONSULTANT PATHOLOGIST, KMC No : 50937

NAME	: Mrs. LALITHA K	MR/VISIT NO	: 23090687 / 180567
AGE/SEX	: 33 Yrs / Female	BILLED TIME	: 23-09-2023 at 07:56 AM
REFERRED BY	:	BILL NO	: 212553
REF CENTER	: MEDIWHEEL	DATE OF REPORT	: 23-09-2023 at 12:55 PM

MEDIWHEEL HEALTH CHECKUP FEMALE

RADIOLOGY

SONO MAMMOGRAPHY OF BILATERAL BREASTS

OBSERVATION:

RIGHT BREAST:

An oval shaped, parallelly oriented hypoechoic lesion with well circumscribed margins measuring ~ 3.2 x 0.9 cm in size is seen at 6 o' position ~ 1.4 cm away from the nipple areola complex showing no significant colour flow or calcification within.

Another oval shaped, parallelly oriented hypoechoic lesion with well circumscribed margins measuring ~ 1.5 x 0.8 cm in size is seen at 10 o'clock position ~ 3.3 cm away from the nipple areola complex showing no significant colour flow within. Few foci of calcification are seen within the lesion.

Another oval shaped, parallelly oriented hypoechoic lesion with well circumscribed margins measuring ~ 0.8 x 0.5 cm in size is seen in retroareolar region showing no significant colour flow within. Few foci of calcification are seen within the lesion.

Rest of the breast shows normal fibro glandular pattern.

No evidence of any cystic changes in the breast parenchyma.

Retroareolar ducts appear normal. No evidence of significant ductal dilation.

Nipple is normal.

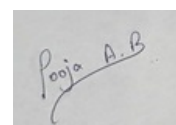
Adjacent skin, subcutaneous planes and retro mammary space are normal.

Right axilla appears normal, no evidence of lymphadenopathy seen.

LEFT BREAST:

Breast shows normal fibro glandular pattern.

No evidence of any cystic changes in the breast parenchyma.



Dr. POOJA .A.B.

MBBS, MD, Radio diagnosis
Consultant Radiologist

NAME	: Mrs. LALITHA K	MR/VISIT NO	: 23090687 / 180567
AGE/SEX	: 33 Yrs / Female	BILLED TIME	: 23-09-2023 at 07:56 AM
REFERRED BY	:	BILL NO	: 212553
REF CENTER	: MEDIWHEEL	DATE OF REPORT	: 23-09-2023 at 12:55 PM

Subareolaer region is normal. Retroareolar ducts appear normal. No evidence of significant ductal dilation.

No obvious solid focal lesion seen.

Nipple is normal.

Adjacent skin, subcutaneous planes and retro mammary space are normal.

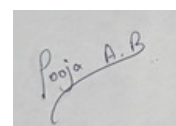
Left axilla appears normal, no evidence of lymphadenopathy seen.

IMPRESSION:

- **Few lesions in right breast parenchyma as described – BIRADS 3 (likely fibroadenomas) – Advise follow up.**
- **Left breast - BIRADS I.**
- **No significant bilateral axillary lymph nodes.**

NOTE: BI – RADS SCORING KEY

- O – Needs additional evaluation;
- I – Negative
- II – Benign findings
- III – Probably benign
- IV – Suspicious abnormality – Biopsy to be considered
- V – Highly suggestive of malignancy,
- VI – Known biopsy proven malignancy



Dr. POOJA .A.B.

MBBS, MD, Radio diagnosis
Consultant Radiologist

NAME	: Mrs. LALITHA K	MR/VISIT NO	: 23090687 / 180567
AGE/SEX	: 33 Yrs / Female	BILLED TIME	: 23-09-2023 at 07:56 AM
REFERRED BY	:	BILL NO	: 212553
REF CENTER	: MEDIWHEEL	DATE OF REPORT	: 23-09-2023 at 12:52 PM

MEDIWHEEL HEALTH CHECKUP FEMALE

RADIOLOGY

USG REPORT - ABDOMEN AND PELVIS

OBSERVATION:

LIVER:

Liver is mildly enlarged in size (17.8 cm) and shows mild diffuse increase in echotexture. No obvious focal lesion is seen. Intrahepatic biliary radicles are not dilated. Hepatic & portal veins are normal.

GALL BLADDER:

Is partially distended at the time of scan. Lumen is echo free. Wall thickness is normal. No pericholecystic lucency seen.

CBD is normal.

PANCREAS:

Head and body visualized and appear normal. No obvious focal lesion is seen. Pancreatic duct not dilated. Tail is obscured by bowel gas shadow.

SPLEEN:

Mildly enlarged in size (13.1 cm) with normal echotexture. No focal lesion is seen.

RIGHT KIDNEY:

Right kidney measures ~ 11.5 x 4.9 cm (CC x AP) with normal echo pattern and cortical thickness.

The shape, size and contour of the right kidney appear normal.

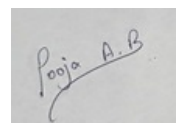
Cortical medullary differentiation is maintained.

No evidence of pelvicalyceal dilatation. No sonologically detectable calculi seen.

LEFT KIDNEY:

Left kidney measures ~ 12.6 x 5.0 cm (CC x AP) with normal echo pattern and cortical thickness.

The shape, size and contour of the left kidney appear normal.



Dr. POOJA .A.B.

MBBS, MD, Radio diagnosis
Consultant Radiologist

NAME	: Mrs. LALITHA K	MR/VISIT NO	: 23090687 / 180567
AGE/SEX	: 33 Yrs / Female	BILLED TIME	: 23-09-2023 at 07:56 AM
REFERRED BY	:	BILL NO	: 212553
REF CENTER	: MEDIWHEEL	DATE OF REPORT	: 23-09-2023 at 12:52 PM

Cortical medullary differentiation is maintained.

No evidence of pelvicalyceal dilatation. No sonologically detectable calculi seen.

URINARY BLADDER:

Is partially distended at the time of scan. No intraluminal echoes are seen. No calculus is seen.

Wall thickness is normal.

UTERUS:

Anteverted, normal in size measures ~ 9.3 x 2.6 x 5.3 cm with normal echotexture.

Endometrial thickness measures ~ 2.9 mm.

No focal lesion seen within the myometrium.

OVARIES:

Both ovaries are normal in size with normal echo pattern.

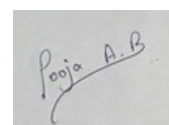
No obvious adnexal mass/lesion seen.

Visualized small bowel loops are normal in calibre and peristalsis.

No evidence of free fluid in the abdomen or pelvis.

IMPRESSION:

- Mild hepatomegaly with grade I fatty changes.
- Mild splenomegaly.



Dr. POOJA .A.B.

MBBS, MD, Radio diagnosis
Consultant Radiologist