

Diagnosics & Speciality Centre

NAME	: Mrs. PAVITHRA S	MR NO.	: 22120266
AGE/SEX	: 34 Yrs / Female	VISIT NO.	: 166823
REFERRED BY :		DATE OF COLLECTION :	10-12-2022 at 08:42 AM
		DATE OF REPORT :	10-12-2022 at 01:39 PM
REF CENTER	: MEDIWHEEL		



TEST PARAMETER	RESULT	REFERENCE RANGE	SPECIMEN
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MEDIWHEEL HEALTH CHECKUP FEMALE

HAEMATOLOGY

COMPLETE BLOOD COUNT (CBC) WITH ESR

Automated Cell Counter

HAEMOGLOBIN

Colorimetric Method

14.2 gm/dL

12 - 16 gm/dL

HEMATOCRIT (PCV)

Calculated

42.7 %

36 - 47 %

RED BLOOD CELL (RBC) COUNT

Electrical Impedance

5.10

4 - 5.2 million/cu.mm

million/cu.mm

PLATELET COUNT

Electrical Impedance

3.09 Lakhs/cumm

1.5 - 4.5 Lakhs/cumm

MEAN CELL VOLUME (MCV)

Calculated

83.7 fl

80 - 100 fl

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

MEAN CORPUSCULAR HEMOGLOBIN (MCH)

Calculated

27.8 pg

26 - 34 pg

MEAN CORPUSCULAR HEMOGLOBIN

33.2 %

31 - 35 %

CONCENTRATION (MCHC)

Calculated

TOTAL WBC COUNT (TC)

Electrical Impedance

8980 cells/cumm

4000 - 11000 cells/cumm

NEUTROPHILS

VCS Technology/Microscopic

61 %

40 - 75 %

LYMPHOCYTES

VCS Technology/Microscopic

35 %

25 - 40 %

DIFFERENTIAL COUNT

EOSINOPHILS

VCS Technology/Microscopic

03 %

0 - 7 %

MONOCYTES

VCS Technology/Microscopic

01 %

1 - 8 %

BASOPHILS

Electrical Impedance

00 %

ESR

Westergren Method

05 mm/hr

0 - 20 mm/hr

BLOOD GROUP & Rh TYPING

Tube Agglutination (Forward and Reverse)

"O" Positive

Krishna M. Murthy



A. Vamseedhar

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BIOCHEMIST

Lab Seal

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GLYCATED HAEMOGLOBIN (HbA1C)
HPLC

5.3 %

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%

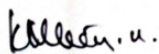
Action suggested: > 8.0%

ESTIMATED AVERAGE GLUCOSE (eAG) 105.41 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 a additional criterion for assessing glucose control because glycosylated 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.

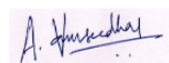


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CLINICAL BIOCHEMISTRY

BLOOD UREA <i>UREASE-GLUTAMATE DEHYDROGENASE (GLDH)</i>	26.6 mg/dL	15 - 50 mg/dL
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CREATININE <i>Jaffe Kinetic</i>	0.59 mg/dL	0.4 - 1.4 mg/dL
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URIC ACID <i>Uricase-Peroxidase</i>	6.3 mg/dL	2.5 - 6 mg/dL
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SERUM ELECTROLYTES

SODIUM <i>Ion Selective Electrode (ISE)</i>	135.3 mmol/L	136 - 145 mmol/L
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POTASSIUM <i>Ion Selective Electrode (ISE)</i>	4.7 mmol/L	3.5 - 5.2 mmol/L
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CHLORIDE <i>Ion Selective Electrode (ISE)</i>	99 mmol/L	97 - 111 mmol/L
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LIVER FUNCTION TEST (LFT)

Spectrometry

TOTAL BILIRUBIN <i>Colorimetric Diazo Method</i>	0.38 mg/dL	0.2 - 1.2 mg/dL
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DIRECT BILIRUBIN <i>Colorimetric Diazo Method</i>	0.21 mg/dL	0 - 0.4 mg/dL
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INDIRECT BILIRUBIN <i>Calculation</i>	0.17 mg/dl	0.2 - 0.8 mg/dl
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S G O T (AST) <i>IFCC Without Pyridoxal Phosphates</i>	25 U/L	up to 31 U/L
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S G P T (ALT) <i>IFCC Without Pyridoxal Phosphates</i>	20.4 U/L	up to 46 U/L
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ALKALINE PHOSPHATASE <i>p-Nitrophenyl Phosphate</i>	132 U/L	36 - 113 U/L
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SERUM GAMMA GLUTAMYLTRANSFERASE (GGT) <i>GCNA-IFCC</i>	17.8 U/L	5 - 55 U/L
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TOTAL PROTEIN <i>Biuret Colorimetric</i>	6.22 g/dl	6.2 - 8 g/dl
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S.ALBUMIN <i>Bromocresol Green (BCG)</i>	4.07 g/dl	3.5 - 5.2 g/dl
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S.GLOBULIN <i>Calculation</i>	2.1 g/dl	2.5 - 3.8 g/dl
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A/G RATIO <i>Calculation</i>	1.9	1 - 1.5
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POST PRANDIAL BLOOD SUGAR <i>Hexokinase</i>	130 mg/dl	80 - 150 mg/dl
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LIPID PROFILE TEST

Spectrometry

TOTAL CHOLESTEROL

Cholesterol Oxidase-Peroxidase (CHOD-POD)

149 mg/dL

up to 200 mg/dL

Border Line: 200 – 240 mg/dL

High: > 240 mg/dL

TRIGLYCERIDES

Glycerol Peroxidase-Peroxidase (GPO-POD)

56.1 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

PEG-Cholesterol Esterase

42.8 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

Cholesterol Esterase-Cholesterol Oxidase

95.0 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

Calculation

11.2 mg/dL

2 - 30 mg/dL

TOTAL CHOLESTROL/HDL RATIO

Calculation

3.5

up to 3

3.0-4.4 - Moderate

>4.4 - High

LDL/HDL RATIO

Calculation

2.2

up to 2.5

2.5-3.3 - Moderate

>3.3 - High

FASTING BLOOD SUGAR

Hexokinase

110 mg/dl

70 - 110 mg/dl

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CLINICAL PATHOLOGY

URINE ROUTINE & MICROSCOPIC

Strips & Microscopy

PHYSICAL EXAMINATION

Colour <i>Visual Method</i>	Pale Yellow	Pale yellow- yellow
Appearance <i>Visual Method</i>	Clear	Clear/Transparent
Specific Gravity <i>Strips Method</i>	1.015	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>	Negative	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>	6 - 8 /hpf	0-5/hpf
Epithelial Cells <i>Light Microscopic</i>	8 - 10 /hpf	0-4/hpf
RBC <i>Light Microscopic</i>	Not Seen /hpf	0-2/hpf
Cast <i>Light Microscopic</i>	NIL	NIL
Crystal <i>Light Microscopic</i>	NIL	Nil

FASTING URINE SUGAR (FUS)	NIL	NIL
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POSTPRANDIAL URINE SUGAR	NIL	NIL	

Dispatched by: KIRAN

**** End of Report ****

Printed by: Kiran kumar H P on 10-12-2022 at 01:39



PM

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REFERRED BY	:	BILL NO	: 198541
REF CENTER	: MEDIWHEEL	DATE OF REPORT	: 10-12-2022 at 01:01 PM

MEDIWHEEL HEALTH CHECKUP FEMALE

RADIOLOGY

USG REPORT - ABDOMEN AND PELVIS

OBSERVATION:

LIVER:

Liver is normal in size (15.4 cm) and normal homogenous echotexture. No obvious focal lesion is seen. Intrahepatic biliary radicles not dilated. Hepatic & portal veins are normal. CBD is normal.

GALL BLADDER:

Normal in distension. Lumen echo free. Wall thickness is normal.

PANCREAS:

Head and body visualized appear normal. No obvious focal lesion is seen. Pancreatic duct not dilated. Tail not visualized.

SPLEEN:

Normal in size (8.7 cm) with normal echotexture. No focal lesion is seen.

RIGHT KIDNEY:

Right kidney measures 9.3 x 1.2 cm (Length x parenchymal thickness) with normal echo pattern and cortical thickness.

There is a small non obstructive calculus measuring 2.4 mm in the mid pole.

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

Cortical medullary differentiation is maintained.

No evidence of pelvicalyceal dilatation.

LEFT KIDNEY:

Left kidney measures 11.9 x 1.2 cm (Length x parenchymal thickness) with normal

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echo pattern and cortical thickness.

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

Cortical medullary differentiation is maintained.

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

URINARY BLADDER:

Is normal in contour. No intraluminal echoes are seen. No calculus or diverticulum is seen.

UTERUS:

Anteverted, normal in size measures 9.0 x 3.7 x 5.4 cm with normal echotexture.

Well defined hyperechoic lesion noted in the right lateral wall in fundal region measuring 10 x 9 mm.

Endometrial thickness measures 4.4 mm.

OVARIES:

Both ovaries are normal in size with normal echo pattern.

Right ovary measures 2.5 x 1.8 x 2.2 cm (Vol-5.5 cc).

Left ovary measures 2.4 x 1.4 x 2.3 cm (Vol-4.3 cc).

No adnexal mass lesion seen.

No evidence of free fluid in the abdomen or pelvis.

IMPRESSION:

- **Well defined hyperechoic lesion in the uterus- Likely intramural fibroid.**
- **Right renal non obstructive calculus.**

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Note: All abnormalities cannot be detected by Ultrasound scan due to technical limitation, obesity and other factors. Scan findings to be correlated with old reports or other investigations.

Dispatched by: Bindu

**** End of Report ****

Printed by: Bindu on 10-12-2022 at 01:02 PM



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MEDIWHEEL HEALTH CHECKUP FEMALE

RADIOLOGY

X-RAY REPORT- CHEST (PA VIEW)

OBSERVATIONS:

The lung fields are clear bilaterally.

CP angles are clear.

Both the hila appear normal.

Cardiac diameter is within normal limits.

Trachea is midline.

Visible bony thoracic cage is normal.

Prominent bilateral breast shadow.

IMPRESSION:

- **No significant abnormality in the visualized lung fields.**

