

UHID	: 190112	VISITID	: 0000369846
PATIENT NAME	: MR. MADHUP KUMAR	ORDER DATE	: 22/02/2025 10:52:00AM
AGE/SEX	: 40Y/MALE	SAMP. DATE	: 22/02/2025 11:55:00AM
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10583295
		RESULT DATE	: 22/02/2025 6:38:00PM
		TPA	: MEDIWHEEL

DEPARTMENT OF PATHOLOGY

ESR (ERYTHROCYTE SEDIMENTATION RATE)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
ESR	05 mm at end of 1 hr	Normal	0 - 15

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Dr. AVISHESH SINGH MD
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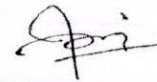
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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10583286
		RESULT DATE	: 22/02/2025 5:42:00PM
		TPA	: MEDIWHEEL

DEPARTMENT OF PATHOLOGY

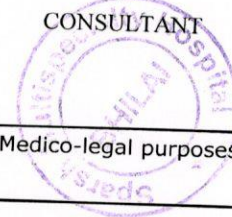
LFT (LIVER FUNCTION TEST)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
BILIRUBIN TOTAL	0.58 mg/dL	Normal	0.1 - 1.2
BILIRUBIN DIRECT	0.27 mg / dl	Normal	0.1 - 0.6
BILIRUBIN INDIRECT	0.31 mg / dl	Normal	0.1 - 0.4
ALKALINE PHOSPHATASE	72 U / L	Normal	0 - 270
SGOT	28 U / L	Normal	10 - 55
SGPT	47 U / L	High	0 - 40
TOTAL PROTEIN	7.39 g / dl	Normal	6 - 8
ALBUMIN	5.19 g/dl	High	4 - 5
GLOBULIN	2.20 g / dl	Normal	2 - 3.5
A.G.RATIO	2.36:1		1 - 2.5



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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10583288
		RESULT DATE	: 22/02/2025 5:34:00PM
		TPA	: MEDIWHEEL

DEPARTMENT OF PATHOLOGY

URINE ROUTINE AND MICROSCOPY

PARAMETER	VALUE	RESULT	REFERENCE RANGE
PHYSICAL EXAMINATION			
QUANTITY	10 ml		
COLOUR	Straw	-	
APPEARANCE	Clear	-	
REACTION	Acidic	-	
CHEMICAL EXAMINATION			
ALBUMIN	Nil	-	
SUGAR	Nil	-	
MICROSCOPIC EXAMINATION			
EPITHELIAL CELLS	1-2 /hpf		0 - 5
PUS CELLS	0-1 /hpf		1 - 2
RBC	Nil /hpf		-
CAST	Nil /lpf		-
CRYSTAL	Nil		-
AMORPHOUS DEBRIS	Nil		-
OTHERS	Nil		-

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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10583293
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		TPA	: MEDIWHEEL

DEPARTMENT OF PATHOLOGY

HBA1c (GLYCOSYLATED HAEMOGLOBIN)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
HBA1 C (GLYCOSYLATED HAEMOGLOBIN)	5.9 %	Normal	4 - 6

Interpretation

As per American diabetes Association (ADA)

Reference Group - HbA1c In%
 Non diabetic ≥ 18 years - 4.0 - 6.0
 At risk (Prediabetes) - ≥ 6.0 to ≤ 6.5
 Diagnosing diabetes - ≥ 6.5

Therapeutic goals for glycemic control

- Age > 19 years
- Goal of therapy: < 7.0
- Action suggested: > 8.0
- Age < 19 years
- goal of therapy: < 7.5

Note:

1. Since HbA1c reflects long term fluctuations in the blood glucose concentration, a diabetic patient is recently under good control may still have a high concentration of HbA1c. converse is true for a diabetic previously under good control now poorly controlled.

2. Target goals of < 7.0 % may be beneficial in patient with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patient with significant complication of diabetes, limited life expectancy of extensive co-morbid condition, targeting a goal of < 7.0 % may not be appropriate.

Comments

HbA1c provides an index of average blood glucose levels over the past 8-12 weeks and is a much better indicator of long glycemic control as compared to blood and urinary glucose determination.

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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10583283
		RESULT DATE	: 22/02/2025 6:25:00PM
		TPA	: MEDIWHEEL

DEPARTMENT OF PATHOLOGY

T3, T4 TSH

PARAMETER	VALUE	RESULT	REFERENCE RANGE
T3 (TRIIODOTHYRONINE)	1.377 ng/ml	Normal	0.69 - 2.15
T4 (THYROXINE)	8.932 ug/dl	Normal	5.2 - 12.7
TSH (THYROID STIMULATING HORMONE)	1.413 uIU/ml	Normal	0.3 - 4.5

REFERENCE GROUP

REFERENCE RANGE in uIU/mL
As per American Thyroid Association

Adult Females (> 20 years)	0.30 - 4.5
Pregnancy	
1st Trimester	0.10 - 2.50
2nd Trimester	0.20 - 3.00
3rd Trimester	0.30 - 3.00

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.

1. Recommended test for T3 and T4 is unbound fraction or free levels as it is metabolically active.
1. 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

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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10583287
		RESULT DATE	: 22/02/2025 5:42:00PM
		TPA	: MEDIWHEEL

DEPARTMENT OF PATHOLOGY

PARAMETER	VALUE	RESULT	REFERENCE RANGE
BLOOD SUGAR - FASTING AND PP			
BLOOD SUGAR FASTING	93 mg/dL	Normal	80 - 120
BLOOD SUGAR PP	122 mg/dL	Normal	120 - 140
URINE SUGAR FASTING			
URINE FOR SUGAR	Nil	-	-
URINE SUGAR PP			
URINE FOR SUGAR	Nil	-	-



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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10583285
		RESULT DATE	: 22/02/2025 6:25:00PM
		TPA	: MEDIWHEEL

DEPARTMENT OF PATHOLOGY

SERUM PSA TOTAL

PARAMETER	VALUE	RESULT	REFERENCE RANGE
PSA (TOTAL)	1.072 ng/ml	Normal	0 - 4

Note:

PSA is a member of the kallikrein-related peptidase family and is secreted by the epithelial cells of the prostate glands. PSA is produced for the ejaculate where it liquefies semen in the terminal coagulum and allows sperms to swim freely.

Elevated serum PSA concentration are found in men with prostate cancer, benign prostatic hyperplasia (BPH) or inflammatory condition of other adjacent genitourinary tissue it is a accurate marker for monitoring advancing clinical stage in untreated patients of ca prostate and for monitoring response to therapy by radical prostatectomy, radiation therapy and anti androgen therapy.

Clinical Use

- 1) An aid in the early detection of Prostate cancer when used in conjunction with Digital rectal examination in males more than 50 years of age and in those with two or more affected first degree relatives.
- 2) Followup and management of Prostate cancer patients
- 3) Detect metastatic or persistent disease in patients following surgical or medical treatment of Prostate cancer.

Note:

- 1) Diagnosis of a disease should not be based on the result of a single test, but should be determined in conjunction with clinical findings in association with medical judgement.
- 2) Patient sample containing human anti mouse antibodies (HAMA) may give falsely elevated or decreased values. Although HAMA-neutralizing agents are added, extremely high HAMA serum concentration may occasionally influence results.
- 3) Therapeutic intervention may strongly influence the f/t PSA ratio. Manipulations at the prostate may also lead to variations in the f/t PSA ratio.

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AGE/SEX	: 40Y/MALE	SAMP. DATE	: 22/02/2025 11:55:00AM
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10583292
		RESULT DATE	: 22/02/2025 4:06:00PM
		TPA	: MEDIWHEEL

DEPARTMENT OF PATHOLOGY

PARAMETER	VALUE	RESULT	REFERENCE RANGE
BLOOD GROUPING AND RH TYPING			
BLOOD GROUP	"AB"		-
RH FACTOR	Positive		-
BUN (BLOOD UREA NITROGEN)			
BUN (BLOOD UREA NITROGEN)	9.81 mg / dl	Normal	8 - 23
CREATININE			
SERUM CREATININE	1.06 mg/dL	Normal	0.3 - 1.5
GGT (GAMMA GLUTAMYL TRANSFERASE)			
GGT (GAMMA GLUTAMYL TRANSFERASE)	20 U / L	Normal	8 - 52
URIC ACID			
URIC ACID	5.70 mg/dL	Normal	3.6 - 7.7

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DEPARTMENT OF PATHOLOGY

PARAMETER	VALUE	RESULT	REFERENCE RANGE
BLOOD GROUPING AND RH TYPING			
BLOOD GROUP	"AB"	-	-
RH FACTOR	Positive	-	-
BUN (BLOOD UREA NITROGEN)			
BUN (BLOOD UREA NITROGEN)	9.81 mg / dl	Normal	8 - 23
CREATININE			
SERUM CREATININE	1.06 mg/dL	Normal	0.3 - 1.5
GGT (GAMMA GLUTAMYL TRANSFERASE)			
GGT (GAMMA GLUTAMYL TRANSFERASE)	20 U / L	Normal	8 - 52
URIC ACID			
URIC ACID	5.70 mg/dL	Normal	3.6 - 7.7

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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10583294
		RESULT DATE	: 22/02/2025 3:43:00PM
		TPA	: MEDIWHEEL

DEPARTMENT OF PATHOLOGY

CBC (COMPLETE BLOOD COUNT)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
HAEMOGLOBIN (Hb)	14.4 gm%	Normal	13.5 - 17.5
TOTAL RBC COUNT	4.69 Million/cumm	Normal	4.5 - 5.9
HAEMATOCRIT (PCV)	40.0 %	Low	41.5 - 50.4
RBC INDICES			
MCV	85.3 f l	Normal	78 - 96
MCH	30.8 pg	Normal	27 - 32
MCHC	36.1 %	Normal	33 - 37
RDW	12.7 %	Normal	11 - 16
TOTAL WBC COUNT (TLC)	4300 /cumm	Normal	4000 - 11000
DIFFERENTIAL COUNT			
NEUTROPHILS	59 %	Normal	0 - 75
LYMPHOCYTES	34 %	Normal	22 - 48
EOSINOPHILS	03 %	Normal	0 - 6
MONOCYTES	04 %	Normal	2 - 10
BASOPHILS	00 %	Normal	0 - 2
BANDS	00 %	Normal	0 - 5
BLAST	00 %	Normal	
PLATELET COUNT	159000 /cumm	Normal	150000 - 450000

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		TPA	: MEDIWHEEL

DEPARTMENT OF PATHOLOGY

LIPID PROFILE

PARAMETER	VALUE	RESULT	REFERENCE RANGE
CHOLESTEROL TOTAL	179 mg / dl	Normal	150 - 220
TRIGLYCERIDES - SERUM	158 mg / dl	Normal	60 - 165
HDL	40.41 mg / dl	Normal	35 - 80
LDL	106.99 mg/dL	Normal	90 - 160
VLDL	31.60	Normal	20 - 50
CHOL : HDL Ratio	4.43:1		3.5 - 5.5
LDL: HDL Ratio	2.65:1		-

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Age / Sex	: 40Y / MALE		:
Consultant	: DR. HOSPITAL CASE	Order Date	: 22/02/2025 10:52AM
Ref. By	: DR. HOSPITAL CASE	Samp. Date	:
Category	: MEDIWHEEL	Report Date	: 22/02/25 03:33PM

X-RAY X-RAY CHEST PA. VIEW

- Cardiothoracic ratio is within normal limits.
- No significant lung lesion seen.
- Bilateral C.P. angles are clear.
- Bony cage and soft tissue normal.

IMPRESSION

- No Remarkable Abnormality Detected .
- Please correlate clinically

Dr. SAMIR KATHALE
MBBS, DNB(RADIO), MNAMS, MANBD
Reg No: CGMC-4404/2012

Please bring all your previous reports. You should preserve and bring this report for future reference.

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Patient Name	: MR. MADHUP KUMAR	Spec No.	:
Age / Sex	: 40Y / MALE		:
Consultant	: DR. HOSPITAL CASE	Order Date	: 22/02/2025 10:52AM
Ref. By	: DR. HOSPITAL CASE	Samp. Date	:
Category	: MEDIWHEEL	Report Date	: 26/02/25 12:31PM

SONOGRAPHY USG WHOLE ABDOMEN-MALE

- * **LIVER** : Normal in size, shape & echo texture with smooth margins. IHBRs are not dilated. No focal lesions seen.
- * **PORTO CAVAL SYSTEM**: Hepatic veins and IVC appear normal and show normal respiratory variation. Splenic vein is normal. Portal vein is normal.
- * **COLLECTING DUCT & CBD**: Normal in size and have echo lucent lumen.
- * **GALL BLADDER** : Seen in distended state with normal wall and lumen is echofree
- * **SPLEEN**: Normal in size, shape & echo texture. No focal lesions seen.
- * **PANCREAS**: Pancreatic head, body & tail visualized and have normal size, shape & echo texture.
- * **KIDNEYS**: Both kidneys are of normal shape, size and position.
Cortical thickness is normal. CMD is maintained. There is no evidence of hydronephrosis or calculus
- * **URINARY BLADDER** : Seen in distended state and has normal wall architecture. Lumen is echo free.
- * **PROSTATE**: Normal in shape, size and echotexture. No median lobe bulge is seen.

No free fluid is seen in the peritoneal cavity.
There is no evidence of any retroperitoneal lymphadenopathy/mass.

FINAL IMPRESSION :

- * **No remarkable Abnormality detected in the current scan.**

- Please correlate clinically

Dr. SAMIR KATHALE
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Reg No: CGMC-4404/2012

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