

UHID	: 176833	VISITID	: 0000338563
PATIENT NAME	: MRS. MANGLIN BAI	ORDER DATE	: 16/03/2024 3:01:00PM
AGE/SEX	: 55Y/FEMALE	SAMP. DATE	: 16/03/2024 4:17:00PM
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10506157
		RESULT DATE	: 16/03/2024 4:44:00PM
		TPA	: MEDIWHEEL

DEPARTMENT OF PATHOLOGY

CBC (COMPLETE BLOOD COUNT)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
HAEMOGLOBIN (Hb)	13.4 gm%	Normal	12 - 16
TOTAL RBC COUNT	4.91 Million/cumm	Normal	4.5 - 5.1
HAEMATOCRIT (PCV)	38.0 %	Normal	35.9 - 44.6
RBC INDICES			
MCV	77.5 f l	Low	78 - 96
MCH	27.3 pg	Normal	27 - 32
MCHC	35.3 %	Normal	33 - 37
RDW	14.0 %	Normal	11 - 16
TOTAL WBC COUNT (TLC)	5200 /cumm	Normal	4000 - 11000
DIFFERENTIAL COUNT			
NEUTROPHILS	70 %	Normal	0 - 75
LYMPHOCYTES	25 %	Normal	22 - 48
EOSINOPHILS	02 %	Normal	0 - 6
MONOCYTES	03 %	Normal	2 - 10
BASOPHILS	00 %	Normal	0 - 2
BANDS	00 %	Normal	0 - 5
BLAST	00 %	Normal	
PLATELET COUNT	239000 /cumm	Normal	150000 - 450000

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PATH
CONSULTANT


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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10506157
		RESULT DATE	: 16/03/2024 5:09:00PM
		TPA	: MEDIWHEEL

DEPARTMENT OF PATHOLOGY

PARAMETER	VALUE	RESULT	REFERENCE RANGE
BLOOD GROUPING AND RH TYPING			
BLOOD GROUP	"B"	-	-
RH FACTOR	Positive	-	-
BUN (BLOOD UREA NITROGEN)			
BUN (BLOOD UREA NITROGEN)	7.00 mg / dl	Low	8 - 23
CREATININE			
SERUM CREATININE	0.97 mg/dL	Normal	0.3 - 1.5
GGT (GAMMA GLUTAMYL TRANSFERASE)			
GGT (GAMMA GLUTAMYL TRANSFERASE)	16 U / L	Normal	5 - 36
LIPID PROFILE			
CHOLESTEROL TOTAL	206 mg / dl	Normal	150 - 220
TRIGLYCERIDES - SERUM	84 mg / dl	Normal	60 - 165
HDL	46.20 mg / dl	Normal	35 - 80
LDL	143 mg/dL	Normal	90 - 160
VLDL	16.80	Low	20 - 50
CHOL : HDL Ratio	4.45:1		3.5 - 5.5
LDL: HDL Ratio	3.09:1		-
URIC ACID			
URIC ACID	5.20 mg/dL	Normal	2.5 - 6.8

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Sparsh Multispecialty Hospital

(A Unit of Sparsh Multispecialty Hospital Private Limited)
(Formerly known as Paedia Health Private Limited)

CIN : U85110CT2005PTC017751
GSTIN/UIN : 22AADCP8009N2Z9



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AGE/SEX : 55Y/FEMALE SAMP. DATE : 16/03/2024 4:17:00PM
CONSULTANT DOCTOR : HOSPITAL CASE SPEC. NO : 10506152
RESULT DATE : 17/03/2024 3:30:00PM
TPA : MEDIWHEEL

DEPARTMENT OF PATHOLOGY

PARAMETER	VALUE	RESULT	REFERENCE RANGE
BLOOD SUGAR - FASTING AND PP			
BLOOD SUGAR FASTING	85 mg/dL	Normal	80 - 120
BLOOD SUGAR PP	91 mg/dL	Low	120 - 140
URINE SUGAR FASTING			
URINE FOR SUGAR	Nil	-	-
URINE SUGAR PP			
URINE FOR SUGAR	Nil	-	-

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AGE/SEX	: 55Y/FEMALE	SAMP. DATE	: 16/03/2024 4:17:00PM
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10506149
		RESULT DATE	: 17/03/2024 7:58:00PM
		TPA	: MEDIWHEEL

DEPARTMENT OF PATHOLOGY

T3,T4 TSH

PARAMETER	VALUE	RESULT	REFERENCE RANGE
T3 (TRIIODOTHYRONINE)	1.563 ng/ml	Normal	0.69 - 2.15
T4 (THYROXINE)	105.2 ng/ml	Normal	52 - 127
TSH (THYROID STIMULATING HORMONE)	7.266 uIU/ml	High	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	: 10506158
		RESULT DATE	: 17/03/2024 3:32:00PM
		TPA	: MEDIWHEEL

DEPARTMENT OF PATHOLOGY

HBA1c (GLYCOSYLATED HAEMOGLOBIN)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
HBA1 C (GLYCOSYLATED HEAMOGLOBIN)	5.8 %	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	: 10506154
		RESULT DATE	: 16/03/2024 7:01:00PM
		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	Occasional /hpf		1 - 2
RBC	Nil /hpf		-
CAST	Nil /lpf		-
CRYSTAL	Nil		-
AMORPHOUS MATERIAL DEPOSIT	Nil		-
OTHERS	Nil		-

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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10506148
		RESULT DATE	: 17/03/2024 3:30:00PM
		TPA	: MEDIWHEEL

DEPARTMENT OF PATHOLOGY

LFT (LIVER FUNCTION TEST)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
BILIRUBIN TOTAL	0.85 mg/dL	Normal	0.1 - 1.2
BILIRUBIN DIRECT	0.20 mg / dl	Normal	0.1 - 0.6
BILIRUBIN INDIRECT	0.65 mg / dl	High	0.1 - 0.4
ALKALINE PHOSPHATASE	106 U / L	Normal	0 - 240
SGOT	33 U / L	Normal	0 - 46
SGPT	30 U / L	Normal	0 - 40
TOTAL PROTEIN	7.91 g / dl	Normal	6 - 8
ALBUMIN	4.13 g/dl	Normal	4.1 - 5.3
GLOBULIN	3.78 g / dl	High	2 - 3.5
A.G.RATIO	1.09:1		1 - 2.5

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CONSULTANT DOCTOR : HOSPITAL CASE SPEC. NO : 10506159
RESULT DATE : 16/03/2024 5:39:00PM
TPA : MEDIWHEEL

DEPARTMENT OF PATHOLOGY

ESR (ERYTHROCYTE SEDIMENTATION RATE)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
ESR	31 mm at end of 1 hr	High	0 - 30

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