



Sparsh Multispecialty Hospital

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

CIN : U85110CT2005PTC017751
GSTIN/UIN : 22AADCP8009N2Z9



UHID : 176821 VISITID : O000338549
PATIENT NAME : MRS. SHREYA KAUR ORDER DATE : 16/03/2024 2:40:00PM
AGE/SEX : 29Y/FEMALE SAMP. DATE : 16/03/2024 4:11:00PM
CONSULTANT DOCTOR : HOSPITAL CASE SPEC. NO : 10506073
RESULT DATE : 16/03/2024 4:33:00PM
TPA : MEDIWHEEL

DEPARTMENT OF PATHOLOGY

CBC (COMPLETE BLOOD COUNT)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
HAEMOGLOBIN (Hb)	12.0 gm%	Normal	12 - 16
TOTAL RBC COUNT	3.75 Million/cumm	Low	4.5 - 5.1
HAEMATOCRIT (PCV)	33.2 %	Low	35.9 - 44.6
RBC INDICES			
MCV	88.5 f l	Normal	78 - 96
MCH	32.1 pg	High	27 - 32
MCHC	36.3 %	Normal	33 - 37
RDW	12.8 %	Normal	11 - 16
TOTAL WBC COUNT (TLC)	5100 /cumm	Normal	4000 - 11000
DIFFERENTIAL COUNT			
NEUTROPHILS	62 %	Normal	0 - 75
LYMPHOCYTES	30 %	Normal	22 - 48
EOSINOPHILS	04 %	Normal	0 - 6
MONOCYTES	04 %	Normal	2 - 10
BASOPHILS	00 %	Normal	0 - 2
BANDS	00 %	Normal	0 - 5
BLAST	00 %	Normal	
PLATELET COUNT	151000 /cumm	Normal	150000 - 450000

TECHNICIAN

Dr. AVISHESH SINGH MD

PATH

CONSULTANT

NOTE: These reports are for assisting Doctors/Physicians in their treatment and not for Medico-legal purposes and should be correlated clinically.

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DEPARTMENT OF PATHOLOGY

PARAMETER	VALUE	RESULT	REFERENCE RANGE
BLOOD GROUPING AND RH TYPING			
BLOOD GROUP	"O"	-	-
RH FACTOR	Positive	-	-
BUN (BLOOD UREA NITROGEN)			
BUN (BLOOD UREA NITROGEN)	10.74 mg / dl	Normal	8 - 23
CREATININE			
SERUM CREATININE	0.66 mg/dL	Normal	0.3 - 1.2
GGT (GAMMA GLUTAMYL TRANSFERASE)			
GGT (GAMMA GLUTAMYL TRANSFERASE)	14 U / L	Normal	5 - 36
LIPID PROFILE			
CHOLESTEROL TOTAL	179 mg / dl	Normal	150 - 220
TRIGLYCERIDES - SERUM	54 mg / dl	Low	60 - 165
HDL	52.01 mg / dl	Normal	35 - 80
LDL	116.19 mg/dL	Normal	90 - 160
VLDL	10.80	Low	20 - 50
CHOL : HDL Ratio	3.44:1		3.5 - 5.5
LDL: HDL Ratio	2.23:1		-
URIC ACID			
URIC ACID	3.67 mg/dL	Normal	2.5 - 6.8

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		RESULT DATE	: 17/03/2024 7:30:00PM
		TPA	: MEDIWHEEL

DEPARTMENT OF PATHOLOGY

T3,T4 TSH

PARAMETER	VALUE	RESULT	REFERENCE RANGE
T3 (TRIIODOTHYRONINE)	1.325 ng/ml	Normal	0.69 - 2.15
T4 (THYROXINE)	88.44 ng/ml	Normal	52 - 127
TSH (THYROID STIMULATING HORMONE)	0.977 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	: 10506074
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DEPARTMENT OF PATHOLOGY

HBA1c (GLYCOSYLATED HAEMOGLOBIN)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
HBA1 C (GLYCOSYLATED HEAMOGLOBIN)	5.0 %	Normal	4 - 6

Interpretation

As per American diabetes Association (ADA)

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

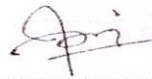
Note:

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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		RESULT DATE	: 17/03/2024 2:31:00PM
		TPA	: MEDIWHEEL

DEPARTMENT OF PATHOLOGY

LFT (LIVER FUNCTION TEST)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
BILIRUBIN TOTAL	1.26 mg/dL	High	0.1 - 1.2
BILIRUBIN DIRECT	0.36 mg / dl	Normal	0.1 - 0.6
BILIRUBIN INDIRECT	0.90 mg / dl	High	0.1 - 0.4
ALKALINE PHOSPHATASE	65 U / L	Normal	0 - 240
SGOT	16 U / L	Normal	0 - 46
SGPT	13 U / L	Normal	0 - 40
TOTAL PROTEIN	7.37 g / dl	Normal	6 - 8
ALBUMIN	4.38 g/dl	Normal	4.1 - 5.3
GLOBULIN	2.99 g / dl	Normal	2 - 3.5
A.G.RATIO	1.46:1		1 - 2.5

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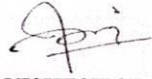
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DEPARTMENT OF PATHOLOGY

ESR (ERYTHROCYTE SEDIMENTATION RATE)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
ESR	20 mm at end of 1 hr	Normal	0 - 20

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22/03/2024 12:37PM

Page 1 of 1