



UHID : OP:2023/016488
 Name : Mr. JAY PRAKASH CHAURASIA Age : 39 Y , Sex - M
 Patient Type : Normal Aadhaar No:
 Bill Date : 23/03/2024
 Referred By. : MEDICINE DEPT., Lab Refno : LB:2023/037178
 Collection Date/Time : 23/03/2024 10:13:34 AM
 Reporting Date/Time : 23/03/2024 11:01:28 AM

HAEMATOLOGY Report

Test Description	Result	Unit	Biological Reference Interval
CBC			
HAEMOGLOBIN(HB) Method : CALORIMETRIC /CYNAMETH HAEMOGLOBIN	14.2	gm/dl	(M:13-17) (F:12-15)
RBC COUNT Method : FLOW CYTOMETRY	4.57*	million/cumm	(M) 4.5 - 5.5 (F) 3.8 - 4.8 (AT BIRTH) 5 - 7 (1 YR) 3.9 - 5.1 (2 - 12 YR) 4.0 - 5.2
HCT Method : CALCULATED	<u>40.7</u>	%	M :45 - 5% F: 41 - 5%
MCV Method : AUTOMATED ELECTRICAL RESISTANCE IMPEDANCE/ MANUAL	89.1	fl	83-101 fl
MCH Method : AUTOMATED ELECTRICAL RESISTANCE IMPEDANCE/ MANUAL	31.2	pg	27-32 pg
MCHC Method : AUTOMATED ELECTRICAL RESISTANCE IMPEDANCE/ MANUAL	<u>35.0</u>	gm/dl	31.5 - 34.5 gm
TOTAL LEUKOCYTE COUNT (TLC) (1390) Method : AUTOMATED ELECTRICAL RESISTANCE IMPEDANCE/ MANUAL Sample Type : Whole Blood (K2 EDTA WB)	7000	/cmm	Adult (4000-10000) At birth (10000-26000) 1 Year (6000-16000) 2-7 years (6000-15000) 6-12Years (5000-13500)
DIFFRENTIAL LEUCOCYTE COUNT (DLC) Method : MANUAL / MICROSCOPIC Sample Type : Whole Blood (K2 EDTA WB)	50	%	40-70
POLYMORPHS			



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LYMPHOCYTES	<u>44</u>	%	20-40
MONOCYTES	03	%	2-10
EOSINOPHILS	03	%	1-6
BASOPHILS	00	%	1-2
PLATELET COUNT	2,00,000	/cumm	1.5 - 4.5 Lacs New Born 1 - 4.50 Lacs
Method : AUTOMATED ELECTRICAL RESISTANCE IMPEDANCE/ MANUAL Sample Type : Whole Blood (K2 EDTA WB)			
MEDIWHEEL FULL BODY HEALTH PLUS CHECK-UP			
ESR - WINTROBE			
Sample Type : Whole Blood (K2 EDTA WB)			
ESR (WHOLE BLOOD)	7 mm / first hour		(M) 0 -10 (F) 0 - 20
URIC ACID (URINE)			
Method : URICASE METHOD			
URIC ACID	<u>6.0</u>	MG	(M/F) 800 - 1000

Machines Used: HAEMAT ANALYSER, Mindray BC
5150, Rayto 240, Fully Automated
Checked By: Shweta Awasthi





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Reporting Date/Time : 23/03/2024 2:06:09 PM

BIO - CHEMISTRY Report

Test Description	Result	Unit	Biological Reference Interval
BLOOD SUGAR FASTING Method : GOD-POD METHOD Sample Type : Flouride Plasma BLOOD SUGAR FASTING	116.0	mg/dl	70-110

Machines Used: MINDRAY 240 PRO FULLY AUTOMETED
Checked By: Shweta Awasthi



* Indicates Critical Values. ■ Indicates Out of TAT.
Report printed by : PRIYAM MISHRA Printed on : 23/03/2024 - 05:43:18
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BIO - CHEMISTRY Report

Test Description	Result	Unit	Biological Reference Interval
LFT (PROFILE)			
BILIRUBIN (TOTAL) Method : JENDRASSIK MODIFIED METHOD Sample Type : SERUM	0.75	mg/dl	Upto 1.0
BILIRUBIN DIRECT Method : JENDRASSIK MODIFIED METHOD Sample Type : SERUM	0.20	mg/dl	Upto 0.25
BILIRUBIN INDIRECT Method : JENDRASSIK MODIFIED METHOD BILIRUBIN INDIRECT (SERUM)	0.55	mg/dl	0.2 - 0.8
SGPT (ALT) Method : IFCC METHOD Sample Type : SERUM	21.0	IU/L	Upto 49
SGOT (AST) Method : IFCC METHOD Sample Type : SERUM	18.0	IU/L	Men - Upto 46 Women - Upto 40
ALKALINE PHOSPHATASE (ALP) Method : UV KINETIC Sample Type : SERUM	126.0	U/L	ADULT(>15Years) : 110-310 U/L CHILD(<15Years) : 270-810 U/L
PROTEIN(TOTAL) Method : Biuret method Sample Type : SERUM	7.0	gm/dl	6.0 - 8.5
PROTEIN(TOTAL)*			
ALBUMIN(1461) Method : BROMOCRESOL METHOD Sample Type : SERUM	4.4	gm/dl	3.2 - 5.5
ALBUMIN			
LIPID (PROFILE)			
CHOLESTROL(TOTAL) (SERUM) Method : ENZYMATIC METHOD Sample Type : SERUM	133.0	mg/dl	Normal < 200 Borderline high 200 - 239 High >240
CHOLESTROL(TOTAL)			

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BIO - CHEMISTRY Report

Test Description	Result	Unit	Biological Reference Interval
HDL (SERUM) Method : DIRECT HOMOGENOUS METHOD Sample Type : SERUM	45.0	mg/dl	Men - 35 - 55 Women - 45 - 65
LDL (SERUM) Method : DIRECT HOMOGENOUS METHOD Sample Type : SERUM	56.0	mg/dl	<100
VLDL (SERUM) Method : CALCULATED Sample Type : SERUM			
VLDL (SERUM)*	32.0	mg/dl	10-40 mg/dl
TRIGLYCERIDES (SERUM) Method : ENZYMATIC METHOD Sample Type : SERUM			
TRIGLYCERIDES	160.0	mg/dl	Upto 170
RFT (PROFILE)			
BUN (BLOOD UREA NITROGEN) Method : UV KINETIC Sample Type : SERUM			
BUN	11.87	mg/dl	6 - 21
CREATININE Method : JAFFE KINETIC METHOD Sample Type : SERUM	0.90	mg/dl	0.5 - 1.4
SODIUM (NA+) Method : I.S.E. Sample Type : SERUM			
SODIUM (NA+)	139.7	mmol/L	136 - 146
POTASSIUM (K+) Method : I.S.E. Sample Type : SERUM	4.07	mmol/L	3.5 - 5.5

Machines Used: AUTO - ANALYSER OPTIMA - 1, HDC Lyte
Semi Autometed, SEMI AUTO - ANALYZER
Checked By: Shweta Awasthi





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Reporting Date/Time : 23/03/2024 2:02:01 PM

BIO - CHEMISTRY Report

Test Name	Results	Units	Bio.Ref.Interval
HbA1c (Glycosylated Hemoglobin)	6.1	%	Blood @ (HPLC)
Interpretation As per American Diabetes Association (ADA)			
Reference Group	HbA1c in %		
Non diabetic adults >=18 years	4.0 - 6.0		
At risk	>=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 who is recently under good control may still have a high concentration of HbA1c. Converse is true for a diabetic previously under good control but now poorly			



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BIO - CHEMISTRY Report

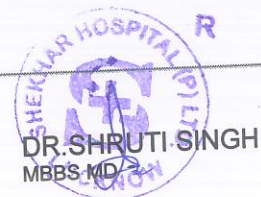
controlled.
2.Target goals of <7.0% may be beneficial in patients with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or extensive co-morbid conditions targeting a goal of <7.0% 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 term glycemic control as compared to blood and urinary glucose determinations.
ADA criteria for correlation between HbA1c & Mean plasma glucose levels

HbA1c (%)	Mean Plasma Glucose (mg/dl)
6	126
7	154
8	183
9	212
10	240
11	269
12	298

Machines Used: AUTO - ANALYSER OPTIMA - 1
Checked By: Shweta Awasthi



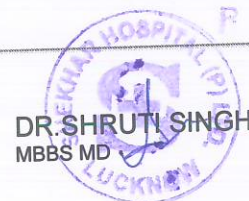


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Collection Date/Time : 23/03/2024 10:13:52 AM
Reporting Date/Time : 23/03/2024 3:48:20 PM ■

BIO - CHEMISTRY Report

Test Description	Result	Unit	Biological Reference Interval
MEDIWHEEL FULL BODY HEALTH PLUS CHECK-UP BLOOD SUGAR (PP) Method : GOD-POD METHOD Sample Type : Flouride Plasma	119.0	mg/dl	110-170
BLOOD SUGAR (PP) (SERUM)			

Machines Used: Rayto 240, Fully Autometed
Checked By: Shweta Awasthi





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HORMONE Report

Sl.No.	Test	Result	Reference Values
THYROID PROFILE (TOTAL T3, T4 & TSH)			
Sample Type : Serum			
1.	TOTAL T3 (TRIIODOTYRONINE)	1.16	0.92-2.33 nmol/l
2.	TOTAL T4 (TYROXINE)	107.0	60-120 nmol/l
3.	TSH (THYROID STIMULATING HORMONE)	1.96	Euthyroid 0.25-5 uIU/ml Hyperthyroid <0.15 uIU/ml Hypothyroid >7.0 uIU/m

Comments: INTERPRETATION (AS PER KIT INSERT)

Serum T3, T4 & TSH measurements from three components of Thyroid screening panel, useful in diagnosing various disorders of Gland function.

Thyroid

1. Primary HypoThyroidism is accompanied by depressed serum T values and elevated serum TSH level 3 & T4
2. Primary Hyper Thyroidism is accompanied by elevated serum T levels along with depressed TSH values 3 & T4
3. Normal T4 levels are accompanied by increased T3 in patient T3 Thyrotoxicosis with
4. Slightly elevated T3 levels may be found in pregnancy and estherapy, while depressed levels may be encountered in severe illness, renal failure and during therapy with drugs like propranolol and thioracilol
5. Although elevated TSH levels are nearly always indicative of hypothyroidism, and may be seen in secondary thyrotoxicosis.

REMARKS: Normal/Reference ranges given are as per kit literature. Correlation is advised. Clinical

Note:- Maximum reading in our instrument is 100. In case of reading greater than 100, instrument given result with greater than (>) sign.

Machines Used: VIDAS / MINI VIDAS
Checked By: Shweta Awasthi

