



UHID : OP:2024/006153
 Name : Mr. PRINCE KUMAR GUPTA Age : 37 Y , Sex - M
 Patient Type : Normal Aadhaar No: 258789841475
 Bill Date : 31/08/2024
 Referred By. : MEDICINE DEPT.,
 Collection Date/Time : 31/08/2024 9:14:17 AM Lab Refno : LB:2024/012743
 Reporting Date/Time : 31/08/2024 12:02:01 PM

HAEMATOLOGY Report

Test Description	Result	Unit	Biological Reference Interval
CBC			
HAEMOGLOBIN(HB) Method : CALORIMETRIC /CYNAMETH HAEMOGLOBIN	14.7	gm/dl	(M:13-17) (F:12-15)
RBC COUNT Method : FLOW CYTOMETRY	4.55*	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	41.3	%	M :45 - 5% F: 41 - 5%
MCV Method : AUTOMATED ELECTRICAL RESISTANCE IMPEDANCE/ MANUAL	90.8	fl	83-101 fl
MCH Method : AUTOMATED ELECTRICAL RESISTANCE IMPEDANCE/ MANUAL	32.3	pg	27-32 pg
MCHC Method : AUTOMATED ELECTRICAL RESISTANCE IMPEDANCE/ MANUAL	35.6	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)			
TOTAL LEUKOCYTE COUNT (TLC)	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)			
POLYMORPHS	60	%	40-70



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HAEMATOLOGY Report

Test Description	Result	Unit	Biological Reference Interval
LYMPHOCYTES	32	%	20-40
MONOCYTES	05	%	2-10
EOSINOPHILS	03	%	1-6
BASOPHILS	00	%	1-2
PLATELET COUNT	1,70,000	/cumm	1.5 - 4.5 Lacs
Method : AUTOMATED ELECTRICAL RESISTANCE IMPEDANCE/ MANUAL			New Born 1 - 4.50 Lacs
Sample Type : Whole Blood (K2 EDTA WB)			

BLOOD GROUPING

"B"

RH TYPING

Positive (as per sample collection)

MEDIWHEEL FULL BODY HEALTH PLUS CHECK-UP-

ESR - WINTROBE

Sample Type : Whole Blood (K2 EDTA WB)

ESR (WHOLE BLOOD)

9 MM / FIRST HOUR

(M) 0 -10
(F) 0 - 20

URIC ACID (URINE)

Method : URICASE METHOD

URIC ACID

6.6

MG

(M/F) 800 - 1000

Machines Used: HAEMAT ANALYSER, Mindray BC

5150, Rayto 240, Fully Automated

Checked By: Shweta Awasthi



DR. SERUTI SINGH
MBBS MD

* Indicates Critical Values. ■ Indicates Out of TAT.

Report printed by : PRIYAM MISHRA Printed on : 04/09/2024 - 15:34:42



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 Reporting Date/Time : 31/08/2024 10:40:31 AM

BIO - CHEMISTRY Report

Test Description	Result	Unit	Biological Reference Interval
LFT (PROFILE)			
BILIRUBIN (TOTAL) Method : JENDRASSIK MODIFIED METHOD Sample Type : SERUM	<u>1.23</u>	mg/dl	Upto 1.0
BILIRUBIN DIRECT Method : JENDRASSIK MODIFIED METHOD Sample Type : SERUM	<u>0.53</u>	mg/dl	Upto 0.25
BILIRUBIN INDIRECT Method : JENDRASSIK MODIFIED METHOD BILIRUBIN INDIRECT (SERUM)	0.70	mg/dl	0.2 - 0.8
SGPT (ALT) Method : IFCC METHOD Sample Type : SERUM	<u>57.0</u>	IU/L	Upto 49
SGOT (AST) Method : IFCC METHOD Sample Type : SERUM	33.0	IU/L	Men - Upto 46 Women - Upto 40
ALKALINE PHOSPHATASE (ALP) Method : UV KINETIC Sample Type : SERUM	124.0	U/L	ADULT(>15Years) : 110-310 U/L CHILD(<15Years) : 270-810 U/L
PROTEIN(TOTAL) Method : Biuret method Sample Type : SERUM	8.0	gm/dl	6.0 - 8.5
ALBUMIN(1461) Method : BROMOCRESOL METHOD Sample Type : SERUM	4.1	gm/dl	3.2 - 5.5
LIPID (PROFILE)			
CHOLESTROL(TOTAL) (SERUM) Method : ENZYMATIC METHOD Sample Type : SERUM	146.0	mg/dl	Normal < 200 Borderline high 200 - 239 High >240



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BIO - CHEMISTRY Report

Test Description	Result	Unit	Biological Reference Interval
HDL (SERUM) Method : DIRECT HOMOGENOUS METHOD Sample Type : SERUM	34.0	mg/dl	Men - 35 - 55 Women - 45 - 65
LDL (SERUM) Method : DIRECT HOMOGENOUS METHOD Sample Type : SERUM	63.0	mg/dl	<100
VLDL (SERUM) Method : CALCULATED Sample Type : SERUM			
VLDL (SERUM)*	49.0	mg/dl	10-40 mg/dl
TRIGLYCERIDES (SERUM) Method : ENZYMATIC METHOD Sample Type : SERUM			
TRIGLYCERIDES	244.0	mg/dl	Upto 170
MEDIWHEEL FULL BODY HEALTH PLUS CHECK-UP- BLOOD SUGAR FASTING Method : GOD-POD METHOD Sample Type : Flouride Plasma	84.0	mg/dl	70-110
RFT (PROFILE)			
BUN (BLOOD UREA NITROGEN) Method : UV KINETIC Sample Type : SERUM			
BUN	11.8	mg/dl	6 - 21
CREATININE Method : JAFFE KINETIC METHOD Sample Type : SERUM	0.93	mg/dl	0.5 - 1.4
SODIUM (NA+) Method : I.S.E. Sample Type : SERUM			
SODIUM (NA+)	137.0	mmol/L	136 - 146

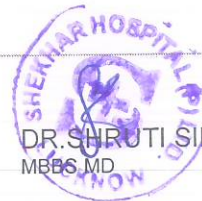


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BIO - CHEMISTRY Report

Test Description	Result	Unit	Biological Reference Interval
POTASSIUM (K+) Method : I.S.E. Sample Type : SERUM	4.03	mmol/L	3.5 - 5.5

Machines Used: AUTO - ANALYSER OPTIMA - 1, HDC
Lyte Semi Automated, Rayto 240, Fully
Automated, SEMI AUTO - ANALYZER
Checked By: Shweta Awasthi



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Report printed by : PRIYAM MISHRA Printed on : 04/09/2024 - 15:34:52



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 Patient Type : Normal Aadhaar No: 258789841475
 Bill Date : 31/08/2024
 Referred By. : MEDICINE DEPT.,
 Collection Date/Time : 31/08/2024 9:15:00 AM Lab Refno : LB:2024/012746
 Reporting Date/Time : 31/08/2024 10:40:58 AM

BIO - CHEMISTRY Report

Test Name	Results	Units	Bio.Ref.Interval
HbA1c (Glycosylated Hemoglobin)	5.4	%	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



DR. SHRUTI SINGH
MBBS-MD

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Report printed by : PRIYAM MISHRA Printed on : 04/09/2024 - 15:35:3



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 Collection Date/Time : 31/08/2024 9:15:06 AM Lab Refno : LB:2024/012748
 Reporting Date/Time : 31/08/2024 10:48:46 AM

HORMONE Report

Sl.No.	Test	Result	Reference Values
THYROID PROFILE (TOTAL T3, T4 & TSH)			
Sample Type : Serum			
1.	TOTAL T3 (TRIIODOTYRONINE)	1.37	0.92-2.33 nmol/l
2.	TOTAL T4 (TYROXINE)	93.12	60-120 nmol/l
3.	TSH (THYROID STIMULATING HORMONE)	2.32	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 thioamides
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



DR. SHRUTI SINGH
MBBS MR

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Report printed by : PRIYAM MISHRA Printed on : 04/09/2024 - 15:35:24



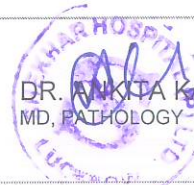
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 Reporting Date/Time : 31/08/2024 3:03:46 PM

CLINICAL PATHOLOGY Report

Sample Type : Urine

TEST	VALUE	UNIT	NORMAL VALUE
PHYSICAL EXAMINATION			
APPEARANCE	CLEAR		CLEAR
COLOUR	LIGHT YELLOW		PALE
PH	6.0 (ACIDIC)		4.8-7.4
SPECIFIC GRAVITY	1.010		1.010-1.022
CHEMICAL EXAMINATION			
ALBUMIN	NIL		NEGATIVE
GLUCOSE	NIL		NEGATIVE
BLOOD	NIL		NEGATIVE
LEUCOCYTE ESTERASE	TRACE		NEGATIVE
NITRITE	NIL		NEGATIVE
MICROSCOPIC EXAMINATION			
RBCs	NIL	/HPF	0-5
DYSMORPHIC RBCs	ABSENT		
PUS CELLS	1-2	/HPF	0-5
EPITHELIAL CELLS	2-3	/HPF	<5
CASTS	NIL		ABS
CRYSTALS	NIL		ABS
BACTERIA	NIL		ABS
OTHERS	NIL		

Checked By: SATYAM PATHAK



DR. ANKITA KATARIA PANDEY
MD, PATHOLOGY

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End of Report