



UHID : OP:2024/005709
 Name : Mr. PRIYANKA AGARWAL Age : 32 Y , Sex - F
 Patient Type : Normal Aadhaar No: 719205239706
 Bill Date : 20/08/2024
 Referred By. : MEDICINE DEPT.,
 Collection Date/Time : 20/08/2024 1:03:55 PM Lab Refno : LB:2024/011631
 Reporting Date/Time : 20/08/2024 2:26:46 PM

HAEMATOLOGY Report

Test Description	Result	Unit	Biological Reference Interval
CBC			
HAEMOGLOBIN(HB) Method : CALORIMETRIC /CYNAMETH HAEMOGLOBIN	12.8	gm/dl	(M:13-17) (F:12-15)
RBC COUNT Method : FLOW CYTOMETRY	4.24*	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	37.9	%	M :45 - 5% F: 41 - 5%
MCV Method : AUTOMATED ELECTRICAL RESISTANCE IMPEDANCE/ MANUAL	89.4	fl	83-101 fl
MCH Method : AUTOMATED ELECTRICAL RESISTANCE IMPEDANCE/ MANUAL	30.4	pg	27-32 pg
MCHC Method : AUTOMATED ELECTRICAL RESISTANCE IMPEDANCE/ MANUAL	33.8	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)	5500	/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	50	%	40-70



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HAEMATOLOGY Report

Test Description	Result	Unit	Biological Reference Interval
LYMPHOCYTES	46	%	20-40
MONOCYTES	03	%	2-10
EOSINOPHILS	01	%	1-6
BASOPHILS	00	%	1-2
PLATELET COUNT	2,00000	/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)			
MEDIWHEEL FULL BODY ANNUAL PLUS CHECK ADVANCED FEMALE - ESR - WESTERGREN	17 MM	mm	Male 0 - 15 Female 0 - 20
Sample Type : Whole Blood (K2 EDTA WB)			

Machines Used: HAEMAT ANALYSER, Mindray BC 5150
 Checked By: Shweta Awasthi



* Indicates Critical Values. ■ Indicates Out of TAT.

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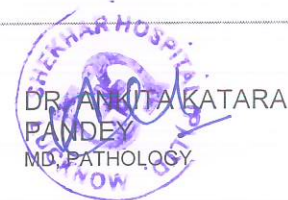


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Reporting Date/Time : 20/08/2024 2:13:46 PM

BIO - CHEMISTRY Report

Test Description	Result	Unit	Biological Reference Interval
LIPID (PROFILE)			
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	162.0	mg/dl	Upto 170
MEDIWHEEL FULL BODY ANNUAL PLUS CHECK ADVANCED FEMALE - BLOOD SUGAR FASTING(1465)			
Method : GOD-POD METHOD			
BLOOD SUGAR FASTING (SERUM)	99.0	mg/dl	70-110

Machines Used:AUTO - ANALYSER OPTIMA - 1, Rayto
240, Fully Automated
Checked By: Shweta Awasthi



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End of Report



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 Bill Date : 20/08/2024
 Referred By. : MEDICINE DEPT.,
 Collection Date/Time : 20/08/2024 1:04:16 PM Lab Refno : LB:2024/011637
 Reporting Date/Time : 20/08/2024 3:16:16 PM

BIO - CHEMISTRY Report

Test Description	Result	Unit	Biological Reference Interval
LFT (PROFILE)			
BILIRUBIN (TOTAL) Method : JENDRASSIK MODIFIED METHOD Sample Type : SERUM	0.73	mg/dl	Upto 1.0
BILIRUBIN DIRECT Method : JENDRASSIK MODIFIED METHOD Sample Type : SERUM	0.22	mg/dl	Upto 0.25
BILIRUBIN INDIRECT Method : JENDRASSIK MODIFIED METHOD BILIRUBIN INDIRECT (SERUM)	0.51	mg/dl	0.2 - 0.8
SGPT (ALT) Method : IFCC METHOD Sample Type : SERUM SGPT	37.0	IU/L	Upto 49
SGOT (AST) Method : IFCC METHOD Sample Type : SERUM SGOT	25.0	IU/L	Men - Upto 46 Women - Upto 40
ALKALINE PHOSPHATASE (ALP) Method : UV KINETIC Sample Type : SERUM ALKALINE PHOSPHATASE	165.0	U/L	ADULT(>15Years) : 110-310 U/L CHILD(<15Years) : 270-810 U/L
PROTEIN(TOTAL) Method : Biuret method Sample Type : SERUM PROTEIN(TOTAL)*	7.6	gm/dl	6.0 - 8.5
ALBUMIN(1461) Method : BROMOCRESOL METHOD Sample Type : SERUM ALBUMIN	4.4	gm/dl	3.2 - 5.5
LIPID (PROFILE)			
CHOLESTROL(TOTAL) (SERUM) Method : ENZYMATIC METHOD Sample Type : SERUM CHOLESTROL(TOTAL)	145.0	mg/dl	Normal < 200 Borderline high 200 - 239 High >240

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Reporting Date/Time : 20/08/2024 3:16:16 PM

BIO - CHEMISTRY Report

Test Description	Result	Unit	Biological Reference Interval
HDL (SERUM) Method : DIRECT HOMOGENEOUS METHOD Sample Type : SERUM	44.0	mg/dl	Men - 35 - 55 Women - 45 - 65
LDL (SERUM) Method : DIRECT HOMOGENEOUS METHOD Sample Type : SERUM	69.0	mg/dl	<100
RFT (PROFILE)			
BUN (BLOOD UREA NITROGEN) Method : UV KINETIC Sample Type : SERUM			
BUN	12.1	mg/dl	6 - 21
CREATININE Method : JAFFE KINETIC METHOD Sample Type : SERUM	0.62	mg/dl	0.5 - 1.4
SODIUM (NA+) Method : I.S.E. Sample Type : SERUM			
SODIUM (NA+)	135.4	mmol/L	136 - 146
POTASSIUM (K+) Method : I.S.E. Sample Type : SERUM	3.94	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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Bill Date : 20/08/2024
Referred By. : MEDICINE DEPT.,
Collection Date/Time : 20/08/2024 1:04:19 PM Lab Refno : LB:2024/011638
Reporting Date/Time : 20/08/2024 2:16:07 PM

BIO - CHEMISTRY Report

Test Name	Results	Units	Bio.Ref.Interval
HbA1c (Glycosylated Hemoglobin)	8.3	%	Blood @ (HPLC)

Interpretation

As per American Diabetes Association (ADA)

Reference Group

HbA1c in %

Non diabetic adults >=18 years
At risk
Diagnosing Diabetes
Therapeutic goals for glycemic
Control

4.0 - 6.0
>=6.0 to <= 6.5
> 6.5
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: Shashank Srivastava


DR. ANKITA KATARA
PANDEY
MD, PATHOLOGY

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Bill Date : 20/08/2024
Referred By. : MEDICINE DEPT.,
Collection Date/Time : 20/08/2024 1:04:13 PM
Reporting Date/Time : 20/08/2024 2:17:37 PM
Age : 32 Y , Sex - F
Aadhaar No: 719205239706
Lab Refno : LB:2024/011636

HORMONE Report

Sl.No.	Test	Result	Reference Values
THYROID PROFILE (TOTAL T3, T4 & TSH)			
Sample Type : Serum			
1.	TOTAL T3 (TRIIODOTYRONINE)	1.30	0.92-2.33 nmol/l
2.	TOTAL T4 (TYROXINE)	105.8	60-120 nmol/l
3.	TSH (THYROID STIMULATING HORMONE) uIU/ml	2.38	Euthyroid 0.25-5 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

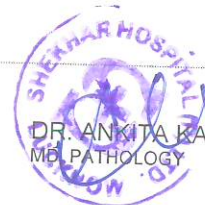
1. Primary HypoThyroidism is accompanied by depressed serum T values and elevated serum TSH level 3 & T4
2. Primary Hyper Thyroidism is accompanied by elevated serum T levels along with depressed TSH values 3 & T4
3. Normal T4 levels are accompanied by increased T3 in patient 3 Thyrotoxicosis with
4. 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: Shashank Srivastava



DR. ANKITA KATARA PANDEY
MD, PATHOLOGY

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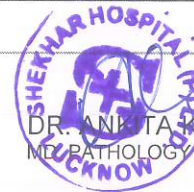
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 Collection Date/Time : 20/08/2024 1:04:10 PM Lab Refno : LB:2024/011635
 Reporting Date/Time : 21/08/2024 1:02:00 PM ■

CLINICAL PATHOLOGY Report

Sample Type : Urine

<u>TEST</u>	<u>VALUE</u>	<u>UNIT</u>	<u>NORMAL VALUE</u>
PHYSICAL EXAMINATION			
APPEARANCE	CLEAR		CLEAR
COLOUR	STRAW		PALE
PH	6.0 (ACIDIC)		4.8-7.4
SPECIFIC GRAVITY	1.015		1.010-1.022
CHEMICAL EXAMINATION			
ALBUMIN	NIL		NEGATIVE
GLUCOSE	+		NEGATIVE
BLOOD	NIL		NEGATIVE
LEUCOCYTE ESTERASE	++		NEGATIVE
NITRITE	POSITIVE		NEGATIVE
MICROSCOPIC EXAMINATION			
RBCs	10-15	/HPF	0-5
DYSMORPHIC RBCs	ABSENT		
PUS CELLS	8-10	/HPF	0-5
EPITHELIAL CELLS	8-10	/HPF	<5
CASTS	NIL		ABS
CRYSTALS	NIL		ABS
BACTERIA	NIL		ABS
PLENTY OF BUDDING YEAST LIKE CELLS SEEN.			

Checked By: SATYAM PATHAK



DR. ANKITA KATARA PANDEY
 MD PATHOLOGY

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