



Name : MR MANJUNATH G
 Registration No : MH005108961
 Patient Episode : H01000117988
 Referred By : HC MHW
 Receiving Date : 16 Dec 2023 09:00

Age : 30 Yr(s) Sex : Male
 Lab No : 22231205863
 Collection Date : 16 Dec 2023 08:00
 Reporting Date : 16 Dec 2023 10:17

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
GLUCOSE-Fasting			
Specimen: Plasma			
Plasma GLUCOSE-Fasting (Hexokinase)	95	mg/dl	[70-100]

PLASMA GLUCOSE - PP			
Specimen: Plasma			
Plasma GLUCOSE - PP (Hexokinase)	132	mg/dl	[70-140]

Note : Conditions which can lead to lower postprandial glucose levels as compared to fasting glucose are excessive insulin release, rapid gastric emptying, brisk glucose absorption, post exercise

Specimen: Serum			
SERUM SODIUM	137.0	mmol/l	[136.0-145.0]
SERUM POTASSIUM	5.00	mmol/l	[3.50-5.10]
SERUM CHLORIDE	103.1	mmol/L	[98.0-107.0]
Method: Indirect ISE			

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Registration Id : 1652960012

Patient Name : Mr. Fredrick Antony 855519

Referred By : CISCO

Registration Date/Time : 21/01/2015 / 08:36AM

Collection Date / Time : 21/01/2015 / 08:37AM

Reporting Date / Time : 21/01/2015 / 12:04PM

Age / Sex : 44 Years / Male

Thyroid Function Test

Sample Type: SERUM

<u>TEST</u>	<u>OBSERVED VALUE</u>	<u>UNITS</u>	<u>Reference Range</u>
Total T3 (Tri-iodothyronine) Method : CMIA)	: 92.1	ng/dl	58 - 159
Total T4 (Thyroxine) Method : CMIA)	: 4.98	ug/dl	4.87 - 11.72
Ultrasensitive TSH, Serum Method : CMIA)	: 1.90	uIU/ml	Euthyroid : 0.5 to 5.0

...
- In cases of primary hypothyroidism, T3 and T4 levels are low and TSH is significantly elevated. In the case of pituitary dysfunction, either due to intrinsic hypothalamic or pituitary disease i.e central hypothyroidism, normal or marginally elevated basal TSH levels are often seen despite significant reduction in T4 and T3 levels.
- Primary hyperthyroidism (eg: Grave's disease, nodular goiter) is associated with high levels of thyroid hormones and depressed or undetectable levels of TSH.

** END OF REPORT **

JISHA G
Verified By

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Dr. Sangeeta Sharma
M.D.
Pathologist

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BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
LIPID PROFILE			
TOTAL CHOLESTEROL (CHOD/POD)	202 #	mg/dl	Specimen: Serum [<200] Moderate risk: 200-239 High risk: >240
TRIGLYCERIDES (GPO/POD)	227 #	mg/dl	[<150] Borderline high: 151-199 High: 200 - 499 Very high: >500
HDL - CHOLESTEROL (Enzymatic)	45	mg/dl	[30-60]
VLDL - Cholesterol (Calculated)	45 #	mg/dl	[10-40]
LDL- CHOLESTEROL (Enzymatic)	130 #	mg/dl	[<100] Near/Above optimal: 100-129 Borderline High: 130-159 High Risk: 160-189 <4.0 Optimal 4.0-5.0 Borderline >6 High Risk
T.Chol/HDL.Chol ratio (Calculated)	4.0		<3 Optimal 3-4 Borderline >6 High Risk
LDL.CHOL/HDL.CHOL Ratio (Calculated)	3.0		

Note:

Reference ranges based on ATP III Classifications.
 Recommended to do fasting Lipid Profile after a minimum of 8 hours of overnight fasting.

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Receiving Date : 16 Dec 2023 09:00

Age : 30 Yr(s) Sex : Male
Lab No : 22231205863
Collection Date : 16 Dec 2023 08:00
Reporting Date : 16 Dec 2023 10:17

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
KIDNEY PROFILE -			
BUN (Urease/GLDH)	7.00	mg/dl	[6.00-20.00]
SERUM CREATININE (mod.Jaffe)	0.92	mg/dl	[0.90-1.30]
SERUM URIC ACID (mod.Uricase)	6.4	mg/dl	[3.5-7.2]
SERUM CALCIUM (Arsenazo III)	10.10	mg/dl	[8.60-10.20]
SERUM PHOSPHORUS (Molybdate, UV)	4.4	mg/dl	[2.5-4.5]
SERUM SODIUM (Indirect ISE)	137.0	mmol/l	[136.0-145.0]
SERUM POTASSIUM (Indirect ISE)	5.00	mmol/l	[3.50-5.10]
SERUM CHLORIDE (Indirect ISE)	103.1	mmol/L	[98.0-107.0]
eGFR (calculated)	111.2	ml/min/1.73sq.m	[>60.0]

Specimen: Serum

Technical Note

eGFR which is primarily based on Serum Creatinine is a derivation of CKD-EPI 2009 equation normalized to 1.73 sq.m BSA and is not applicable to individuals below 18 years. eGFR tends to be less accurate when Serum Creatinine estimation is indeterminate e.g. patients at extremes of muscle mass, on unusual diets etc. and samples with severe Hemolysis / Icterus / Lipemia.

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Name : MR MANJUNATH G
 Registration No : MH005108961
 Patient Episode : H01000117988
 Referred By : HC MHW
 Receiving Date : 16 Dec 2023 09:13

Age : 30 Yr(s) Sex : Male
 Lab No : 28231202325
 Collection Date : 16 Dec 2023 08:00
 Reporting Date : 16 Dec 2023 11:10

CLINICAL PATHOLOGY

ROUTINE URINE ANALYSIS (Automated)

Specimen-Urine

MACROSCOPIC DESCRIPTION

Colour (Visual)	PALE YELLOW	(Pale Yellow - Yellow)
Appearance (Visual)	CLEAR	
Reaction [pH] (Strip Double Indicator)	5.0	(4.6-8.8)
Specific Gravity (Ionic Concentration)	1.010	(1.015-1.025)

CHEMICAL EXAMINATION

Protein/Albumin (Tetrabromophenol strip, Protein indicator)	NIL	(NIL-TRACE)
Glucose (Strip, Glucose oxidase)	NIL	(NIL)
Ketone Bodies (Strip, sodium prusside Reaction)	NIL	(NIL)
Urobilinogen (Strip, Ehrlich reaction)	Normal	(NORMAL)
Bile Salts (Hay's Test- Manual)	NIL	(NEGATIVE)
Bile Pigments (Strip, Diazo test)	NIL	(NIL)
Nitrite (Strip Method)	NEGATIVE	
Leukocytes	NEGATIVE	
BLOOD (Guaiac Test)	NIL	

MICROSCOPIC EXAMINATION (Auto image evaluation/Visual)

WBC/Pus Cells	OCCASIONAL /hpF	(4-6)
Red Blood Cells	NIL	(1-2)
Epithelial Cells	NIL	(2-4)
Casts	NIL	(NIL)
Crystals	NIL	(NIL)
Bacteria	NIL	

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-----END OF REPORT-----

Dr Bani Ojha

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Name : MR MANILNATH G
Registration No : MH005108961
Patient Episode : H01000117988
Referred By : HC MHW
Receiving Date : 16 Dec 2023 08:52

Age : 30 Yr(s) Sex : Male
Lab No : 23231204625
Collection Date : 16 Dec 2023 08:00
Reporting Date : 16 Dec 2023 09:25

HAEMATOLOGY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
COMPLETE BLOOD COUNT (Automated)		Specimen-EDTA Blood	
WBC Count (TC) (Coulter principle)	5700	/cu.mm	[4400-11000]
RBC Count (Electrical impedance)	4.78	million/cu.mm	[4.50-5.50]
Haemoglobin (Photometric method)	14.5	g/dl	[13.0-17.0]
Haematocrit (Calculated)	42.2	%	[40.0-50.0]
MCV (Calculated)	88.3	fl	[83.0-101.0]
MCH (Calculated)	30.3	pg	[27.0-32.0]
MCHC (Calculated)	34.4	g/dl	[31.5-34.5]
Platelet Count (Electrical impedance)	302000	/ cu.mm	[150000-400000]
RDW (CV) (Calculated)	14.7 #	%	[11.6-14.0]
DIFFERENTIAL COUNT (VCS technology & Microscopy)			
Neutrophils	43.8	%	[40.0-75.0]
Lymphocytes	43.7	%	[20.0-45.0]
Monocytes	8.4	%	[2.0-10.0]
Eosinophils	3.2	%	[0.0-7.0]
Basophils	0.9	%	[0.0-1.0]

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