

Neuberg Pulse

Patient Name: MR. ABHISHEK DAS

Age / Gender: 43 Years / Male

Source: ALLIANCE & PROJECT

Mobile No.: 8697747343

Patient ID: 100627

Bill ID: 104173

Referral: SELF

Optional ID: -

Collection Time: 22/06/2024, 01:09 PM

Receiving Time : 22/06/2024, 04:04 PM

Reporting Time: 22/06/2024, 04:46 PM

Sample ID: 1924043277

Sample Type : Serum

Test Description	Value(s)	Unit(s)	Reference Range
Liver Eunetien Teet			
<u>Liver Function Test</u>			
TOTAL BILIRUBIN	0.47	mg/dL	<1.2
Method : DPD	0.40	/ !!	0.0
CONJUGATED BILIRUBIN	0.16	mg/dl	< 0.2
Method : DPD UNCONJUGATED BILIRUBIN	0.31	ma/dl	
Method : Calculation	0.31	mg/dL	
SGPT	54	U/L	< 50
Method : IFCC (without pyridoxal phosphate activation)	34	O/L	< 30
SGOT	33	U/L	< 50
Method : IFCC (without pyridoxal phosphate activation)	00	0/2	100
ALKALINE PHOSPHATASE	105	U/L	30 - 120
Method : IFCC AMP Buffer			
TOTAL PROTEIN	7.45	g/dL	6.6 - 8.3
Method : Biuret		J	
ALBUMIN	4.55	g/dL	Adults: 3.5 - 5.2
Method : Bromocresol Green			Newborn (1-4 days): 2.8 - 4.4
GLOBULIN	2.90	g/dL	1.80 - 3.60
Method : Calculation		3	
A/G RATIO	1.57		1.2 - 2
Method : Calculation			
GAMMA-GLUTAMYL TRANSFERASE	30	U/L	< 55
Method : IFCC			
Total Proteins, Serum			
TOTAL PROTEIN	7.45	g/dl	6.6 - 8.3
Method : Biuret		· ·	
ALBUMIN	4.55	g/dl	Adults: 3.5 - 5.2
Method : Bromocresol green			Newborn(0-4days): 2.8 - 4.4
GLOBULIN	2.90	g/dl	1.8 - 3.6
Method : Calculation		9,	
A/G RATIO	1.57	1.2	- 2.0
Method : Calculation			
Bun / Creatrnine Ratio			
BUN/Creatinine ratio	11.98	12	- 20
Method : Calculation			



Registered By: SUPRIYO GHOSHAL

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Sample ID: 1924043277

Sample Type : Serum

Test Description	Value(s)	Unit(s)	Reference Range
Lipid Profile			
TRIGLYCERIDES	206	mg/dL	Normal : < 150
Method : Enzymatic Colorimetric Assay using GPO-POD			Borderline High: 150 - 199
			High: 200 - 499
			Very High : >= 500
CHOLESTEROL	184	mg/dl	Desirable : < 200
Method : Enzymatic Colorimetric Assay using CHOD-POD			Borderline High: 200 - 240
			High Risk : > 240
HDL CHOLESTEROL	31	mg/dl	Low HDL: <40
Method : Enzymatic Immunoinhibition			High HDL : >= 60
LDL CHOLESTEROL	121	mg/dl	Optimal: < 100
Method : Enzymatic Selective Protection			Above Optimal: 100 - 129
			Borderline High: 130 - 159
			High : 160 - 189
			Very High : > 190
VLDL / CHOLESTEROL REMNANTS Method : Calculation	32	mg/dl	< 30
NON HDL CHOLESTEROL	153	mg/dl	<130
Method : Calculation			
TOTAL CHOLESTEROL / HDL CHOLESTEROL RATIO	5.94	Ratio	
LDL CHOLESTEROL / HDL CHOLESTEROL RATIO	3.90	Ratio	
Remark:			

^{*} National Cholesterol Education Programme Adult Treatment Panel III Guidelines (US)

END OF REPORT

Checked by Renimol P V

Dr. Meenakshi Mohan MD (Pathology) Consultant Pathologist Regn. No. : WBMC 54631



Registered By : SUPRIYO GHOSHAL





Optional ID: -

Collection Time: 22/06/2024, 01:09 PM **Receiving Time**: 22/06/2024, 04:04 PM

Reporting Time: 22/06/2024, 06:14 PM

Sample ID: 1924043277

Sample Type: Urine

Patient Name: MR. ABHISHEK DAS

Age / Gender : 43 Years / Male **Mobile No. :** 8697747343

Patient ID: 100627

Bill ID: 104173 Referral: SELF

Source: ALLIANCE & PROJECT

Test Description Value(s) Unit(s) Reference Range

Urine Routine

PHYSICAL EXAMINATION

Volume 40 ml --

Colour Straw Pale to dark yellow

Appearance Slightly hazy Clear

Deposit Present Absent

Specific Gravity 1.015 1.010 - 1.030

CHEMICAL EXAMINATION

Reaction / PH Acidic (PH: 5.0) 5.0 - 8.0Protein Absent Absent Absent Absent Sugar **Ketones Bodies** Absent Absent Normal Normal Urobilinogen Blood Absent Absent

MICROSCOPIC EXAMINATION

Pus Cells2 - 3 /hpf<5 /hpf</th>R.B.CNot foundAbsentEpithelial Cells2 - 3 /hpfA fewCastsNot foundAbsentCrystalsNot found--

METHOD: SEDIMENTATION AND

MICROSCOPE

Terms and conditions:

Test results released pertain to the specimen/sample submitted.

The tests results are dependent on the quality of the sample received by the Laboratory.

The test results are released with the presumption that the specimen/sample belongs to the patient as mentioned on the bill/ vials/TRF/booking ID Laboratory investigations test results are only a tool to facilitate in arriving at a diagnosis and should always be clinically correlated by the Referring Physician.

Repeat samples/specimens are accepted on request of Referring Physician within 7 days of reporting.

Due to some unforeseen circumstances reports may be delayed. Inconvenience is regretted.

Test result may show inter laboratory variations.

The test results are not valid for medico legal purposes.



Reported By : - Registered By : SUPRIYO GHOSHAL





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Collection Time : 22/06/2024, 01:09 PM

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Reporting Time: 22/06/2024, 06:14 PM

Sample ID: 1924043277

Sample Type: Urine

Test Description Value(s) Unit(s) Reference Range

Urine Fasting Sugar

URINE FOR SUGAR

Result

Absent

END OF REPORT

Checked by Anupriya Roychowdhury Dr. Meenakshi Mohan MD (Pathology) Consultant Pathologist Regn. No. : WBMC 54631





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Bill ID: 104173 Referral: SELF

Source: ALLIANCE & PROJECT

Optional ID: -

Collection Time: 22/06/2024, 01:08 PM

Receiving Time: 22/06/2024, 04:04 PM

Reporting Time: 22/06/2024, 04:34 PM

Sample ID: 1924043277F

Sample Type: Fluoride - F

Test Description	Value(s)	Unit(s)	Reference Range
Prostate Specific Antigen (PSA), Serum			
PSA (PROSTATE SPECIFIC ANTIGEN) Method : Electrochemiluminescence Immunoassay (ECLIA) Remark	0.7	ng/mL	< 2.0
Creatinine, Serum			
CREATININE Method : Modified Jaffe kinetic.	0.78	mg/dl	< 1.2
<u>Uric Acid, Serum</u>			
URIC ACID Method : Uricase PAP	4.66	mg/dL	3.5 - 7.2
<u>T3,T4 & TSH</u>			
T3 Method : Chemiluminescent Microparticle Immunoassay (CMIA)	1.21	ng/mL	1 - 30 days: 1 - 7.4 1m - 11m: 1.05 - 2.45 1yr - 5yrs: 1.05 - 2.69 6yrs - 10yrs: 0.94 - 2.41 11yrs - 15yrs: 0.82 - 2.13 16yrs- 20yrs: 0.8 - 2.1 Adult: 0.58 - 1.59
T4 Method: Chemiluminescent Microparticle Immunoassay (CMIA)	8.5	μg/dL	1d - 6d : 11.8 - 22.6 7d - 14d : 9.9 - 16.6 15d - 4m : 7.2 - 14.4 4m - 12m : 7.8 - 16.5 1yr - 5yr : 7.2 - 15.0 5yr - 10yr : 6.4 - 13.6 > 10yr : 4.87 - 11.72 Adult : 4.87 - 11.72
TSH	1.76	μIU/ml	Adult : 4.87 - 11.72 0.35 - 4.94

Method : Chemiluminescent Microparticle Immunoassay (CMIA)

Interpretation:

Т3

Triiodothyronine (3,5,3' triiodothyronine or T3) is the thyroid hormone principally responsible for the regulation of metabolism of the various target organs. T3 is mainly formed extrathyroidally, particularly in the liver, by enzymatic 5' deiodination of T4 (thyroxine). A reduction in the conversion of T4 to T3 results in a decrease in the T3 concentration. It occurs under the influence of medicaments such as propranolol,



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Optional ID: -

Collection Time: 22/06/2024, 01:08 PM Receiving Time: 22/06/2024, 04:04 PM Reporting Time: 22/06/2024, 04:34 PM

Sample ID: 1924043277F

Sample Type: Fluoride - F

Test Description Value(s) Unit(s) Reference Range

glucocorticoids or amiodarone and in severe non thyroidal illness (NTI), and is referred to as "low T3 syndrome". The determination of T3 is utilized in the diagnosis of T3\sum_hyperthyroidism, the detection of early stages of hyperthyroidism and for indicating a diagnosis of thyrotoxicosis factitia.

T4

The hormone thyroxine (T4) is the main product secreted by the thyroid gland and is an integral component of the hypothalamus anterior pituitary thyroid regulating system. The major part (> 99 %) of total thyroxine in serum is present in proteinbound form. As the concentrations of the transport proteins in serum are subject to exogenous and endogenous effects, the status of the binding proteins must also be taken into account in the assessment of the thyroid hormone concentration in serum. If this is ignored, changes in the binding proteins (e.g. due to estrogen containing preparations, during pregnancy or in the presence of a nephrotic syndrome etc.) can lead to erroneous assessments of the thyroid metabolic state. The determination of T4 can be utilized for the following indications: the detection of hyperthyroidism, the detection of primary and secondary hypothyroidism, and the monitoring of TSH suppression therapy.

TSH

TSH is formed in specific basophil cells of the anterior pituitary and is subject to a circadian secretion sequence. The hypophyseal release of TSH (thyrotropic hormone) is the central regulating mechanism for the biological action of thyroid hormones. The determination of TSH serves as the initial test in thyroid diagnostics. Even very slight changes in the concentrations of the free thyroid hormones bring about much greater opposite changes in the TSH level. Accordingly, TSH is a very sensitive and specific parameter for assessing thyroid function and is particularly suitable for early detection or exclusion of disorders in the central regulating circuit between the hypothalamus, pituitary and thyroid.

Glucose Fasting Plasma

GLUCOSE FASTING PLASMA 100 mg/dL 74 - 109

Method : Hexokinase

END OF REPORT

Checked by Barun Jana Consultant Biochemist
Regn. No.: 64600 (WBMC)



MC-2167



Age / Gender: 43 Years / Male

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Patient ID: 100627

Bill ID: 104173 Referral: SELF

Source: ALLIANCE & PROJECT



Optional ID: -

Collection Time: 22/06/2024, 01:09 PM **Receiving Time**: 22/06/2024, 04:04 PM

Reporting Time: 22/06/2024, 04:46 PM **Sample ID**: 1924043277

Sample Type : Serum

Test Description	Value(s)	Unit(s)	Reference Range
Urea Nitrogen (Bun)			
Urea Method : GLDH Kinetic assay	20	mg/dl	Adult : 17 - 43 Newborn: 8.4 - 25.8
UREA NITROGEN (BUN) Method : GLDH Kinetic assay (AU480), calculation.	9.35	mg/dl	6 - 20

END OF REPORT

Checked by Priya Manna Dr. Meenakshi Mohan MD (Pathology) Consultant Pathologist Regn. No. : WBMC 54631







Optional ID: -

Collection Time: 22/06/2024, 01:09 PM Receiving Time: 22/06/2024, 04:04 PM

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Reporting Time: 22/06/2024, 05:55 PM

Sample ID: 1924043277

Sample Type: Edta Blood

Patient Name: MR. ABHISHEK DAS Age / Gender: 43 Years / Male

Mobile No.: 8697747343

Patient ID: 100627

Bill ID: 104173 Referral: SELF

Source: ALLIANCE & PROJECT

Test Description	Value(s)	Unit(s)	Reference Range
HbA1c HPLC			
HbA1c HPLC Method : High Performance Liquid Chromatography (HPLC)	5.9	%	Normal: < 5.7 Pre Diabetes: 5.7 - 6.4 Diabetes: >= 6.5
Estimated Average Glucose NOTE:	123	mg/dL	70 - 116

- 1. Glucose combines with haemoglobin(Hb) continuously and nearly irreversibly during life span of RBC(120 days); thus glycosylated Hb is proportional to mean plasma glucose level during the previous 2-3 months. Therefore A1c assay is a useful mean of evaluation of success of long term diabetic control by monitoring diabetic patient~s compliance with therapeutic regimen used and long-term blood glucose level control. Added advantage is its ability to predict progression of diabetic complications.
- 2. Presence of Hb variant may interfere with accurate estimation of HbA1c. Please do Hb HPLC test to identify Haemoglobinapathy if any and also do Glycated albumin or Fructosamine tests to assess glycemic status if required.
- 3. Inappropriately low value may be seen in anemia due to iron deficiency or due to other causes, acute blood loss, recent blood transfusion, hemoglobinopathies, CLD, Hypertriglyceridemia, intake of Vitamin E & C, Aspirin, Co-trimoxazole etc.



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Optional ID: -

Collection Time: 22/06/2024, 01:09 PM Receiving Time: 22/06/2024, 04:04 PM Reporting Time: 22/06/2024, 05:55 PM

Sample ID: 1924043277

Sample Type: Edta Blood

Test Description Value(s) Unit(s) Reference Range

> TOSOH G8 VAR V05. 29 490206 2024-06-22 17:43:11 1924043277 ID

Sample No. 06220031 SL 0001 - 01

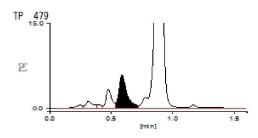
Patient ID Name Comment

CALIB	Y	=1. 1288X	+ 0.6647
Name	%	Time	Area
A1A	0.4	0. 25	8. 30
A1B	0.9	0.32	18.67
F	0.3	0.40	6.11
LA1C+	1.9	0.48	39.43
SA1C	5.9	0.59	96.81
AO	92.1	0.88	1892.61
H-VO			
H-V1			
H-V2			

Total Area 2061.93

HbA1c 5.9 % HbA1 7.2 %

IFCC 41 mmol/mol HbF 0.3 %



END OF REPORT

Checked by Nisha Malakar

Macmeledis Dr. Meenakshi Mohan MD (Pathology) Consultant Pathologist Regn. No. : WBMC 54631



Reported By: -

Registered By: SUPRIYO GHOSHAL



Age / Gender: 43 Years / Male

Mobile No.: 8697747343

Patient ID: 100627

Bill ID: 104173 Referral: SELF

Source: ALLIANCE & PROJECT



Optional ID: -

Collection Time: 22/06/2024, 01:02 PM Receiving Time: 22/06/2024, 05:01 PM Reporting Time: 22/06/2024, 06:39 PM

Sample ID: 1924043277
Sample Type: 2D Echo

Echocardiography/TMT

M Mode Data : Parameter	Test Value	Normal Range (Adults)	Unit
Aortic Root Diameter	3.2	2.0 – 4.0	cm
Aortic cusp opening	1.6	1.5 – 2.0	cm
Left atrial diameter	4.4	2.0 – 4.0	cm
RV internal diameter	3.7	2.0 – 4.0	cm
IV septal thickness (diastole)	1.3	0.60 - 1.10	cm
LV Internal diameter (diastole)	4.2	3.50 – 5.6	cm
Post. Wall thickness (diastole)	1.2	0.60 - 1.10	cm
Internal diameter (systole)	2.7	2.4 – 4.20	cm
LV Ejection fraction	64	55 – 75	%
EPSS	0.4	0.1 – 1.0	cm
EF slope	10	5 – 15	cm/ sec
DE amplitude	1.9	1.5 – 2.5	cm
FS	34		%

E/A = 1.31 E/E' = 8.95

IMPRESSION:

• LV shows:

Concentric hypertrophy.

Normal cavity size.

No regional wall motion abnormality at rest

Good systolic function with LVEF 64 %

Normal diastolic function.



Reported By: TANUSREE SUKLA Registered By: SUPRIYO GHOSHAL





Optional ID: -

Collection Time: 22/06/2024, 01:02 PM Receiving Time: 22/06/2024, 05:01 PM Reporting Time: 22/06/2024, 06:39 PM

Sample ID: 1924043277
Sample Type: 2D Echo

Patient Name : MR. ABHISHEK DAS

Age / Gender: 43 Years / Male

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Patient ID: 100627

Bill ID: 104173 Referral: SELF

Source: ALLIANCE & PROJECT

- Enlarged LA. RA/RV are normal in size. Good RV systolic function with TAPSE 26 mm.
- All four cardiac valves are morphologically normal.
- No Pulmonary arterial hypertension.
- Intact IAS/IVS.
- Normal pericardium.
- No intracardiac clots/vegetation.
- IVC is normal in size (11 mm) with > 50% collapsibility.

END OF REPORT

DR. P. DASGUPTA MD. (Medicine) Consultant Cardiologist Regn. No. : WBMC-13539





Age / Gender: 43 Years / Male

Mobile No.: 8697747343

Patient ID: 100627

Bill ID: 104173 Referral: SELF

Source: ALLIANCE & PROJECT

Neuberg Pulse

Optional ID: -

Collection Time: 22/06/2024, 04:00 PM Receiving Time: 22/06/2024, 06:21 PM Reporting Time: 22/06/2024, 07:07 PM

Sample ID: 1924043277P

Sample Type: Fluoride Plasma

Test Description	Value(s)	Unit(s)	Reference Range	
Glucose Post Prandial Plasma				
GLUCOSE POST PRANDIAL PLASMA	174	mg/dL	70 - 140	
Method : Hexokinase				

END OF REPORT

Checked By Debolina Bhadra

Dr. Meenakshi Mohan MD (Pathology) Consultant Pathologist Regn. No. : WBMC 54631



Registered By : SUPRIYO GHOSHAL



Age / Gender: 43 Years / Male

Mobile No.: 8697747343

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Optional ID: -

Collection Time: 22/06/2024, 01:09 PM Receiving Time: 22/06/2024, 04:04 PM Reporting Time: 22/06/2024, 05:29 PM

Sample ID: 1924043277 Sample Type : Edta Blood

Patient ID: 100627 **Bill ID:** 104173 Referral: SELF

Source: ALLIANCE & PROJECT

Test Description Value(s) Unit(s) Reference Range

Blood Group & RH Typing

BLOOD GROUP "O"

RH TYPING POSITIVE

H1 lectin agglutinated

FORWARD & REVERSE BLOOD GROUPING, GEL CARD BY BIO-RAD



Complete Blood Count

Reported By: -

HAEMOGLOBIN	15.1	gm/dl	13 - 17
TOTAL LEUCOCYTE COUNT	8800	/cumm	4000 - 10000
HCT	49.1	Vol%	40 - 50
RBC	5.80	millions/cumm	4.5 - 5.5
MCV	84.7	Femtolitre(fl)	80 - 100
MCH	26.0	Picograms(pg)	27 - 31
MCHC	30.8	gm/dl	32 - 36
PLATELET COUNT	2,12,000	/cumm	150000 - 410000



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Optional ID: -

Collection Time: 22/06/2024, 01:09 PM Receiving Time: 22/06/2024, 04:04 PM Reporting Time: 22/06/2024, 05:29 PM

Sample ID: 1924043277

Sample Type : Edta Blood

Test Description	Value(s)	Unit(s)	Reference Range
DIFFERENTIAL COUNT			
Neutrophils	73	%	40 - 80
Lymphocytes	24	%	20 - 40
Monocytes	01	%	2 - 10
Eosinophils	02	%	1 - 6
Basophils	00	%	0 - 1
ESR	06	mm	< 50 years : <=10
			51 - 60 years : <=12
			61 - 70 years : <=14
			> 70 years : <=30

Normocytic Normochromic.

Platelets adequate.

Remarks Note

XN 1000, SYSMEX

METHOD: FLOWCYTOMETRY

ESR: AUTOMATED VESCUBE - 30 TOUCH

*Biological Reference Values Updated as per Dacie & Lewis 12th Edition

END OF REPORT

Checked by Tamal Sarkar Dr. Meenakshi Mohan MD (Pathology) Consultant Pathologist Regn. No. : WBMC 54631



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Patient Name:	MR.ABHISHEK DAS	Patient ID:	D-104173
Modality:	DX	Sex:	M
Age:	043Y	Study:	CHEST PA
Reff. Dr. :	SELF	Study Date:	22-06-2024

X-RAY CHEST PA VIEW.

Bilateral lung fields appear normal.

Bilateral costophrenic angles are unremarkable.

Bilateral hila & vascular markings are unremarkable.

Domes of diaphragm are normal in morphology & contour.

Cardiac size is within normal limits.

Bony thoracic cage appears normal.

Recommended clinical correlation with other investigation...

Dr. Manish Kumar Jha

Marteh Kumm The

MBBS, MD (Radio-diagnosis)

Registration No. 77237 (WBMC)







