

Mobile No.: 8849837952

Patient ID: 79621

Bill ID: 82456 Referral: SELF

Source: ALLIANCE & PROJECT



Optional ID: -

Collection Time: 29/03/2024, 09:26 AM Receiving Time: 29/03/2024, 12:04 PM Reporting Time: 29/03/2024, 02:11 PM

Sample ID: 1924021750 Sample Type: Edta Blood

Test Description	Value(s)	Unit(s) Re	ference Range
Complete Blood Count			
HAEMOGLOBIN	12.7	gm/dl	11 - 14
TOTAL LEUCOCYTE COUNT	7000	/cumm	4000 - 11000
HCT	41.2	Vol%	33 - 42
RBC	4.7	millions/cumm	3.8 - 4.8
MCV	87.7	Femtolitre(fl)	80 - 100
мсн	27.0	Picograms(pg)	27 - 31
MCHC	30.8	gm/dl	32 - 36
PLATELET COUNT	2,10,000	/cumm	150000 - 450000
DIFFERENTIAL COUNT			
Neutrophils	60	%	40 - 75
Lymphocytes	36	%	20 - 40
Monocytes	02	%	2 - 8
Eosinophils	02	%	1 - 6
Basophils	00	%	0 - 1
ESR	34	mm	2 - 17
Remarks	Normocytic Normochromic. Platelets adequate.		
Note			
XN 1000, SYSMEX			

END OF REPORT

Checked by Tamal Sarkar

METHOD: FLOWCYTOMETRY

ESR: AUTOMATED VESCUBE - 30 TOUCH

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



Registered By: SUDIPA BANIK







Mobile No.: 8849837952

Patient ID: 79621

Bill ID: 82456
Referral: SELF

Source: ALLIANCE & PROJECT

Optional ID: -

Collection Time: 29/03/2024, 09:26 AM **Receiving Time**: 29/03/2024, 12:04 PM

Reporting Time: 29/03/2024, 12:45 PM

Sample ID: 1924021750F

Sample Type: Fluoride - F

Test Description	Value(s)	Unit(s)	Reference Range	
Glucose Fasting Plasma				
GLUCOSE FASTING PLASMA	84	mg/dL	74 - 109	
Method : Hexokinase				

END OF REPORT

Supratik Binons

Checked by Barun Jana Dr. Supratik Biswas MBBS, MD, Consultant Biochemist



Registered By : SUDIPA BANIK

MC-2167

Page 2 of 18





Patient Name: MS. SUTAPA ROY

Age / Gender: 48 years / Female

Mobile No.: 8849837952

Patient ID: 79621

Bill ID: 82456 Referral: SELF

Source: ALLIANCE & PROJECT

Optional ID: -

Collection Time: 29/03/2024, 09:26 AM

Receiving Time: 29/03/2024, 12:04 PM Reporting Time: 29/03/2024, 01:25 PM

Sample ID: 1924021750

Sample Type: Edta Blood

Test Description	Value(s)	Unit(s)	Reference Range
HbA1c HPLC			
HbA1c HPLC Method : High Performance Liquid Chromatography (HPLC)	5.5	%	Normal: < 5.7 Pre Diabetes: 5.7 - 6.4
Estimated Average Glucose NOTE:	111	mg/dL	Diabetes : >= 6.5 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.



Neuberg
P

Optional ID: -

Collection Time: 29/03/2024, 09:26 AM Receiving Time: 29/03/2024, 12:04 PM

Reporting Time: 29/03/2024, 01:25 PM

Sample ID: 1924021750

Sample Type: Edta Blood

Age / Gender: 48 years / Female Mobile No.: 8849837952

Patient Name: MS. SUTAPA ROY

Patient ID: 79621

Bill ID: 82456 Referral: SELF

Source: ALLIANCE & PROJECT

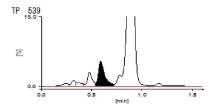
Test Description Value(s) Unit(s) Reference Range

Chromatogram Report

TOSOH G8 VAR V05. 29 490206 2024-03-29 13:20:56 1924021750 Sample No. Patient ID SL 0001 - 01 03290008 Comment

CALIB	Y	=1. 1437X	+ 0.5765
Name	%	Time	Area
A1A	0.5	0. 24	6. 34
A1B	0.6	0.32	7.24
F	0.6	0.39	7.01
LA1C+	1.9	0.48	22. 51
SA1C	5. 5	0.59	52.14
AO	92.6	0.88	1097.96
H-VO			
H-V1			
H-V2			

Total Area 1193.20 HbA1c 5.5 % IFCC 37 mmol/mol HbF 0.6 %



29-03-2024 13:20:56 TOSOH

1/1

NEUBERG PULSE DIAGNOSTIC CENTRE 75,SARAT BOSE RD, KOL - 26

END OF REPORT



Reported By:-Registered By: SUDIPA BANIK



Mobile No.: 8849837952

Patient ID: 79621

Bill ID: 82456
Referral: SELF

Checked By

Rahul Mondal

Source: ALLIANCE & PROJECT

Neuberg Pulse

Optional ID: -

Collection Time: 29/03/2024, 09:26 AM **Receiving Time**: 29/03/2024, 12:04 PM

Reporting Time : 29/03/2024, 01:25 PM

Sample ID: 1924021750
Sample Type: Edta Blood

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

Banerjea

Dr. Nabanita Banerjee MBBS (Cal), DNB (I), MIAPM Pathologist



Reported By : - Registered By : SUDIPA BANIK



DIAGNO

Optional ID: -

Collection Time: 29/03/2024, 09:26 AM

Neuberg
Pul

Receiving Time : 29/03/2024, 12:04 PM

Reporting Time : 29/03/2024, 01:01 PM

Sample ID: 1924021750

Sample Type: Serum

Age / Gender: 48 years / Female

Mobile No.: 8849837952

Patient Name: MS. SUTAPA ROY

Patient ID: 79621

Bill ID: 82456
Referral: SELF

Source: ALLIANCE & PROJECT

Test Description	Value(s)	Unit(s)	Reference Range
<u>T3,T4 & TSH</u>			
T3	0.98	ng/mL	1 - 30 days: 1 - 7.4
Method : Chemiluminescent Microparticle Immunoassay (CMIA)			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	8.06	μg/dL	1d - 6d : 11.8 - 22.6
Method : Chemiluminescent Microparticle Immunoassay (CMIA)			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	2.59	μIU/ml	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, 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 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



Registered By: SUDIPA BANIK



Mobile No.: 8849837952

Patient ID: 79621

Bill ID: 82456 Referral: SELF

Source: ALLIANCE & PROJECT

Neuberg Pulse

Optional ID: -

Collection Time: 29/03/2024, 09:26 AM **Receiving Time**: 29/03/2024, 12:04 PM

Reporting Time: 29/03/2024, 01:01 PM

Sample ID: 1924021750

Sample Type: Serum

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

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.

END OF REPORT

Checked by Barun Jana Dr. Supratik Biswas MBBS, MD, Consultant Biochemist



Registered By : SUDIPA BANIK





Patient Name : MS. SUTAPA ROY

Age / Gender: 48 years / Female

Mobile No.: 8849837952

Patient ID: 79621

Bill ID: 82456
Referral: SELF

Source: ALLIANCE & PROJECT

Optional ID: -

Collection Time: 29/03/2024, 09:26 AM

Receiving Time: 29/03/2024, 12:04 PM

Reporting Time: 29/03/2024, 01:55 PM

Sample ID: 1924021750

Sample Type : Serum

Test Description	Value(s)	Unit(s)	Reference Range
Lipid Profile			
TRIGLYCERIDES Method: Enzymatic Colorimetric Assay using GPO-POD	151	mg/dL	Normal : < 150 Borderline High : 150 - 199 High : 200 - 499 Very High : >= 500
CHOLESTEROL Method: Enzymatic Colorimetric Assay using CHOD-POD	211	mg/dl	Desirable : < 200 Borderline High : 200 - 240 High Risk : > 240
HDL CHOLESTEROL Method : Enzymatic Immunoinhibition	51	mg/dl	Low HDL : <40 High HDL : >= 60
LDL CHOLESTEROL Method : Enzymatic Selective Protection	125	mg/dl	Optimal: < 100 Above Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: > 190
VLDL / CHOLESTEROL REMNANTS Method : Calculation	35	mg/dl	< 30
NON HDL CHOLESTEROL Method : Calculation	160	mg/dl	<130
TOTAL CHOLESTEROL / HDL CHOLESTEROL RATIO	4.14	Ratio	
LDL CHOLESTEROL / HDL CHOLESTEROL RATIO Remark:	2.45	Ratio	

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

END OF REPORT

Checked by Pintu Manna Dr.Supratik Biswas MBBS, MD Consultant Biochemist Regn.No.: 64600 (WBMC)



PA BANIK

Reported By : - Registered By : SUDIPA BANIK



Mobile No.: 8849837952

Patient ID: 79621

Bill ID: 82456
Referral: SELF

Source: ALLIANCE & PROJECT



Optional ID: -

Collection Time: 29/03/2024, 09:26 AM

Receiving Time: 29/03/2024, 12:04 PM

Reporting Time: 29/03/2024, 01:42 PM

Sample ID: 1924021750

Sample Type : Serum

Test Description	Value(s)	Unit(s)	Reference Range
Liver Function Test			
TOTAL BILIRUBIN Method : DPD	0.84	mg/dL	<1.2
CONJUGATED BILIRUBIN Method : DPD	0.32	mg/dl	< 0.2
UNCONJUGATED BILIRUBIN Method : Calculation	0.52	mg/dL	
SGPT Method : IFCC (without pyridoxal phosphate activation)	19	U/L	< 35
SGOT Method : IFCC (without pyridoxal phosphate activation)	27	U/L	< 35
ALKALINE PHOSPHATASE Method : IFCC AMP Buffer	144	U/L	30 - 120
TOTAL PROTEIN Method : Biuret	7.84	g/dL	6.6 - 8.3
ALBUMIN Method : Bromocresol Green	4.44	g/dL	Adults: 3.5 - 5.2 Newborn (1–4 days): 2.8 - 4.4
GLOBULIN Method : Calculation	3.40	g/dL	1.80 - 3.60
A/G RATIO Method : Calculation	1.31		1.2 - 2
GAMMA-GLUTAMYL TRANSFERASE Method: IFCC	19	U/L	< 38

END OF REPORT

Checked By Rahul Mondal Nameryes

Dr. Nabanita Banerjee MBBS (Cal), DNB (I), MIAPM Pathologist



Registered By : SUDIPA BANIK



Mobile No.: 8849837952

Patient ID: 79621

Bill ID: 82456
Referral: SELF

Source: ALLIANCE & PROJECT



Optional ID: -

Collection Time: 29/03/2024, 09:26 AM **Receiving Time**: 29/03/2024, 12:04 PM

Reporting Time: 29/03/2024, 01:59 PM

Sample ID: 1924021750

Sample Type : Serum

Test Description	Value(s)	Unit(s)	Reference Range	
Uric Acid, Serum				
URIC ACID	6.50	mg/dL	2.6 - 6	
Method : Uricase PAP				

END OF REPORT

Dr. Supratik Biswas MBBS, MD Consultant Biochemist Regn. No.: 64600 (WBMC)

Checked by Barun Jana



Mobile No.: 8849837952

Patient ID: 79621

Bill ID: 82456
Referral: SELF

Source: ALLIANCE & PROJECT



Optional ID: -

Collection Time: 29/03/2024, 09:26 AM Receiving Time: 29/03/2024, 12:04 PM Reporting Time: 29/03/2024, 01:22 PM

Sample ID: 1924021750

Sample Type : Serum

Test Description	Value(s)	Unit(s)	Reference Range
Urea Nitrogen (Bun)			
Urea	21	mg/dl	Adult : 17 - 43
Method : GLDH Kinetic assay			Newborn: 8.4 - 25.8
UREA NITROGEN (BUN)	9.81	mg/dl	6 - 20
Method: GLDH Kinetic assay (AU480), calculation.			

END OF REPORT

Banerjea

Dr. Nabanita Banerjee MBBS (Cal), DNB (I), MIAPM Pathologist

Checked By Rahul Mondal







Patient Name: MS. SUTAPA ROY

Age / Gender: 48 years / Female

Mobile No.: 8849837952

Patient ID: 79621

Bill ID: 82456

Referral: SELF

Optional ID: -

Collection Time: 29/03/2024, 09:26 a.m.

Receiving Time: 29/03/2024, 12:04 p.m.

Reporting Time: 29/03/2024, 03:50 p.m.

Sample ID: 1924021750

12 - 20

Sample Type : Serum

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

Bun / Creatrnine Ratio

BUN/Creatinine ratio 12.34

Method : Calculation

END OF REPORT

Dr.Supratik Biswas MBBS, MD Consultant Biochemist Regn.No.: 64600 (WBMC)

Checked by Pintu Manna





Mobile No.: 8849837952

Patient ID: 79621

Bill ID: 82456
Referral: SELF

Source : ALLIANCE & PROJECT



Optional ID: -

Collection Time: 29/03/2024, 09:26 AM

Receiving Time: 29/03/2024, 12:04 PM

Reporting Time: 29/03/2024, 01:22 PM

Sample ID: 1924021750

Sample Type : Serum

Test Description	Value(s)	Unit(s)	Reference Range
Total Proteins, Serum			
TOTAL PROTEIN Method : Biuret	7.84	g/dl	6.6 - 8.3
ALBUMIN Method: Bromocresol green	4.44	g/dl	Adults: 3.5 - 5.2 Newborn(0-4days): 2.8 - 4.4
GLOBULIN Method : Calculation	3.40	g/dl	1.8 - 3.6
A/G RATIO Method : Calculation	1.31	1.2	2 - 2.0

END OF REPORT

Banerjes

Dr. Nabanita Banerjee MBBS (Cal), DNB (I), MIAPM Pathologist

Checked By Rahul Mondal



Registered By : SUDIPA BANIK



Neuberg Pulse

Optional ID: -

Collection Time: 29/03/2024, 09:22 a.m.

Receiving Time: 29/03/2024, 12:35 p.m.

Reporting Time: 29/03/2024, 05:00 p.m.

Sample ID: 1924021750

Sample Type : USG

Age / Gender : 48 years / Female

Mobile No.: 8849837952

Patient ID: 79621 **Bill ID**: 82456

Referral: SELF

USG Whole Abdomen

USG STUDY OF WHOLE ABDOMEN

LIVER

Is mildly enlarged (172 mm) in size, outline with mild increased parenchymal echotexture. No focal lesion is seen. Intrahepatic billary radicles are not seen dilated. Hepatic & Portal venous systems appear normal. Portal vein 7 mm. in calibre.

GALL BLADDER

Is seen normal in size, shape, outline, position & wall thickness. No intraluminal calculus or any mass lesion is seen. No pericholecystic fluid collection is seen.

CBD

Is not seen dilated and measures 3 mm.

PANCREAS

Is normal in size, shape, outline and echotexture. No definite focal lesion is evident. Pancreatic duct is not seen dilated. No tenderness is seen over the region.

SPLEEN

Is normal in shape, size, position and echotexture. No focal lesion is seen. No abnormal vessels are seen at the splenic hilum. Spleen measures 81 mm. in length.

KIDNEYS

Are normal in size, position, outline and echogenicity with maintained cortico-medullary differentiation. No focal lesion is seen involving either kidneys. Central echocomplexes of both kidneys appear normal. There is no evidence of hydronephrosis or calculus.

Right kidney measures 91 mm.

Left kidney measures 92 mm.

URETERS

Ureters are not seen dilated.



Reported By : Ankita Mullick Registered By : SUDIPA BANIK



Neuberg Pulse

Optional ID: -

Collection Time: 29/03/2024, 09:22 a.m.

Receiving Time: 29/03/2024, 12:35 p.m.

Reporting Time: 29/03/2024, 05:00 p.m.

Sample ID: 1924021750

Sample Type: USG

Age / Gender: 48 years / Female

Mobile No.: 8849837952

Patient ID: 79621

Bill ID: 82456
Referral: SELF

URINARY BLADDER

Urinary bladder appears optimally distended. It appears smooth in outline. No mass lesion or any calculus is seen within the urinary bladder.

UTERUS

Uterus is anteverted in position, regular in outline and normal in size. Myometrial echotexture is homogeneous & normal. No focal lesion is seen. Endometrial echoes are compact, centrally placed and normal in thickness. Cervix is normal in size & echotexture. Tiny retention cysts noted near cervical region. Uterus measures $79 \times 62 \times 46$ mm.

ADNEXA

Both ovaries are visualized. They appear normal in size & echotexture. No adnexal mass lesion is seen. Right ovary measures 11×10 mm.

Left ovary measures 12 x 10 mm.

No evidence of ascitis, pleural effusion or abdominal lymphadenopathy.

IMPRESSION

Mild hepatomegaly with grade I fatty changes of liver.

END OF REPORT





Reported By : Ankita Mullick Registered By : SUDIPA BANIK



Neuberg
Pulse

Patient Name: MS. SUTAPA ROY

Age / Gender: 48 years / Female

Mobile No.: 8849837952

Patient ID: 79621

Bill ID: 82456 Referral: SELF

Source: ALLIANCE & PROJECT

Optional ID: -

Collection Time: 29/03/2024, 09:22 AM Receiving Time: 29/03/2024, 11:45 AM

Reporting Time: 29/03/2024, 12:34 PM

Sample ID: 1924021750

Sample Type: 2D Echo

Echocardiography/TMT

M Mode Data : Parameter	Test Value	Normal Range (Adults)	Unit
Aortic Root Diameter	2.7	2.0 – 4.0	cm
Left atrial diameter	3.3	2.0 – 4.0	cm
RV internal diameter	2.2	2.0 – 4.0	cm
IV septal thickness (diastole)	1.0	0.60 – 1.10	cm
LV Internal diameter (diastole)	4.6	3.50 – 5.6	cm
Post. Wall thickness (diastole)	1.0	0.60 – 1.10	cm
Internal diameter (systole)	2.9	2.4 – 4.20	cm
LV Ejection fraction	65	55 – 75	%

LV shows:

Normal size cardiac chamber

No RWMA

Grade I diastolic dysfunction. E/E'-10.

Good LV systolic function with LVEF - 65 %.

Normal RVSF.

Trivial MR & TR (22 mmHg).

No PE/PAH.

IVC normal in size, collapsing well.

IMPRESSION:

Normal size cardiac chamber.

Good bi-ventricular systolic function.

Grade I diastolic dysfunction.

Trivial MR & TR.

No PE/PAH.

END OF REPORT



Reported By: Minakashmi Patra Sarkar Registered By: SUDIPA BANIK



Mobile No.: 8849837952

Patient ID: 79621

Bill ID: 82456
Referral: SELF

Source: ALLIANCE & PROJECT



Optional ID: -

Collection Time: 29/03/2024, 09:22 AM
Receiving Time: 29/03/2024, 11:45 AM
Reporting Time: 29/03/2024, 12:34 PM

Sample ID: 1924021750 Sample Type: 2D Echo

Dr. Abhinay Tibdewal MD, DM (Cardiologist) Regn. No.: WBMC 85811

Checked by Ruma Banerjee



Reported By: Minakashmi Patra Sarkar

Registered By: SUDIPA BANIK



Mobile No.: 8849837952

Patient ID: 79621

Bill ID: 82456 Referral: SELF

Source: ALLIANCE & PROJECT

Neuberg Pulse

Optional ID: -

Collection Time: 29/03/2024, 09:26 AM Receiving Time: 29/03/2024, 12:04 PM Reporting Time: 29/03/2024, 02:42 PM

Sample ID: 1924021750
Sample Type: Edta Blood

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

Blood Group & RH Typing

BLOOD GROUP

RH TYPING

"B"

POSITIVE

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



END OF REPORT

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

