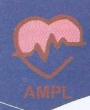


DR. S. B. NAGORI

MBBS, MD, 55
Consultant Cardiologist & Physician REGN, NO. 36968 (WBMC)
Cell No. ; 7890078911





(DEPARTMENT OF LABORATORY SERVICES)

Website: www.alokamedicare.in, Email: mail@alokamedicare.in CIN: U85110WB1992PTC055426

Visit ID : AMP19019 UHID/MR No

: AMP.0000017803

Patient Name : MR. RATAN KUMAR JANA Age/Gender : 51 Y O M O D /M

Ref Doctor : ARCOFEMI Barcode No : 10093661

Client Name : APOLLO Registration

Collected

Received

Reported

: 23/Mar/2024 02:24PM : 23/Mar/2024 02:29PM

: 23/Mar/2024 04:00PM

: 23/Mar/2024 07:15PM : Final Report

Status Client Code : 106 Other Doctor

: SELF

DEPARTMENT OF BIOCHEMISTRY

Test Name

Result

- 65

Bio. Ref. Range

PLASMA GLUCOSE- FASTING (FBS)

Sample Type: FLOURIDE PLASMA

Plasma Glucose Fasting (FBS)

110

mg/dl

70-110

PLASMA GLUCOSE- POST PRANDIAL (PPBS)

Sample Type: FLOURIDE PLASMA (PP)

PLASMA GLUCOSE POST PRANDIAL

154

mg/dl

90-140

(PPBS) GOD-POD

GOD-POD

** Checked twice. Please correlate clinically.

SERUM UREA

Sample Type: SERUM

SERUM UREA

Urease GLDH, Fixed Time

18

mg/dL

13-45

SERUM CREATININE

Sample Type: SERUM

SERUM CREATININE

JAFFES. INITIAL RATE

0.90

mg/dl

MALE: 0.6 - 1.4~FEMALE: 0.6 - 1.2

SERUM URIC ACID

Sample Type: SERUM

SERUM URIC ACID

URICASE-TRINDER, End Point

5.60

mg/dl

2.5-6.8



Checked By

Dr. Kamalesh Chatterjee Ph.D. (FAIC, UK) Sr. Consultant Biochemistry

114-B, Sarat Bose Road, Kolkata-700 029, 78900 78966, 95200 95201

Test Performed at: No:28,80 Feet Raod Hal 3rd Stage

169, G. T. Road (S), Shibpur, Near Aloka Cinema, Hwh - 002, 98368 12298 2G, N. S. Road, Shantinagar Colony, Liluah, Hwh - 204, 9331317276









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(DEPARTMENT OF LABORATORY SERVICES)

Website: www.alokamedicare.in, Email: mail@alokamedicare.in CIN: U85110WB1992PTC055426

Visit ID : AMP19019 Registration : 23/Mar/2024 02:24PM UHID/MR No : AMP.0000017803 Collected : 23/Mar/2024 02:29PM

Patient Name : MR. RATAN KUMAR JANA Received : 23/Mar/2024 04:00PM Age/Gender : 51 Y O M O D /M Reported : 23/Mar/2024 07:15PM Ref Doctor : ARCOFEMI Status : Final Report

Barcode No : 10093661 Client Code : 106 :SELF Client Name : APOLLO Other Doctor

DEPARTMENT OF BIOCHEMISTRY

Test Name Result Bio. Ref. Range

SERUM SODIUM

Sample Type: Serum

SERUM SODIUM 135.0 mEq/L 136-145 ISE

- 45

SERUM POTASSIUM

Sample Type: Serum

SERUM POTASSIUM 4.30 mEq/L 3.5-5.0

ISE

SERUM CHLORIDE

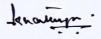
Sample Type: Serum

SERUM CHLORIDE 98.00 mEq/L 98.0-106.0

ISE



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Page 2 of 18



Visit ID



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(DEPARTMENT OF LABORATORY SERVICES)

Website: www.alokamedicare.in, Email: mail@alokamedicare.in CIN: U85110WB1992PTC055426

: AMP19019 Registration : 23/Mar/2024 02:24PM

 UHID/MR No
 : AMP.0000017803
 Collected
 : 23/Mar/2024 02:29PM

 Patient Name
 : MR. RATAN KUMAR JANA
 Received
 : 23/Mar/2024 04:00PM

 Age/Gender
 : 51 Y 0 M 0 D /M
 Reported
 : 23/Mar/2024 07:15PM

Ref Doctor : ARCOFEMI Status : Final Report

Barcode No : 10093661 Client Code : 106
Client Name : APOLLO Other Doctor : SELF



	DEPARTMEN		
Test Name	Result	Unit	Bio. Ref. Range
	- Ø.		
LIVER FUNCTION TEST		-	
Sample Type : SERUM			
TOTAL BILIRUBIN Diazo	0.7	mg/dl	0.1-1.2
CONJUGATED (D. Bilirubin) Diazo	0.30	mg/dl	0.1-0.3
UNCONJUGATED (I.D. Bilirubin) Calculated	0.4	mg/dl	0.2-0.7
TOTAL PROTEINS Biuret, End point	7.40	gm/dl	5.5-8.0
ALBUMIN BCG DYE, End point	4.10	g/dl	3.5-5.0
GLOBULIN Calculated	3.30	g/dl	2.0-3.5
A/G RATIO Calculated	1.24		1.0-2.1
Aspartate Transaminase (AST/ SGOT) IFCC, KINETIC	26	IU/L	< 45
Alanine Aminotransferase (ALT/ SGPT) IFCC, KINETIC	30	IU/L	< 45

77



Checked By

Checked by



2G, N. S. Road, Shantinagar Colony, Liluah, Hwh - 204, 9331317276

Other Clinics:
169, G. T. Road (S), Shibpur, Near Aloka Cinema, Hwh - 002, 98368 12298

ALKALINE PHOSPHATASE

MODIFIED IFCC, KINETIC

U/L





MALE: 41-137

FEMALE: 39-118



Dr. Kamalesh Chatterjee Ph.D. (FAIC, UK) Sr. Consultant Biochemistry

Page 3 of 18



Visit ID

Test Name



ALOKA MEDICARE PVT. LTD.

(DEPARTMENT OF LABORATORY SERVICES)

Website: www.alokamedicare.in, Email: mail@alokamedicare.in CIN: U85110WB1992PTC055426

DEPARTMENT OF BIOCHEMISTRY

Unit

: AMP19019 : 23/Mar/2024 02:24PM Registration

UHID/MR No Collected : 23/Mar/2024 02:29PM : AMP.0000017803 Patient Name : MR. RATAN KUMAR JANA Received : 23/Mar/2024 04:00PM Age/Gender : 51 Y O M O D /M : 23/Mar/2024 07:15PM Reported

Ref Doctor : ARCOFEMI Status : Final Report Barcode No : 10093661 Client Code : 106

Client Name : APOLLO Other Doctor : SELF

2.42



Rio Ref Range

Desirable: 0.5-3.0~BorderLine: 3.0-6.0~High

Risk: >6.0

rest name	Result	Unit	Bio. Rei. Range
	- &		
LIPID PROFILE		_	
Sample Type : SERUM			
TOTAL CHOLESTEROL TRINDERS , END POINT	142	mg/dl ≠	< 200 Desirable 200 - 239 Border line high > 240 high
TRIGLYCERIDES GPO-Trinders End Point	96	mg/dl	UPTO 170
HDL CHOLESTEROL DIRECT	36	mg/dl	45-65
L D L CHOLESTEROL Calculated	87	mg/dl	Desirable < 130~Borderline high 130-159~High > 160
VLDL Calculated	19	mg/dl	20-50
NON HDL CHOLESTEROL Calculated	106	mg/dl	Desirable: <130~BorderLine : 150-199~High : 200-499~Very High : >=500
T. CHOLESTEROL/ HDL RATIO	3.94		< 4.5



Calculated

Calculated

LDL / HDL RATIO

Checked By

Dr. Kamalesh Chatterjee Ph.D. (FAIC, UK) Sr. Consultant Biochemistry













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(DEPARTMENT OF LABORATORY SERVICES)

Website: www.alokamedicare.in, Email: mail@alokamedicare.in

CIN: U85110WB1992PTC055426

Visit ID : AMP19019 Registration : 23/Mar/2024 02:24PM UHID/MR No Collected : AMP.0000017803 : 23/Mar/2024 02:29PM Patient Name : MR. RATAN KUMAR JANA Received : 23/Mar/2024 04:00PM Age/Gender : 51 Y O M O D /M Reported : 23/Mar/2024 07:52PM

Ref Doctor : ARCOFEMI Status : Final Report

- 6

Barcode No : 10093661 Client Code : 106 Client Name : APOLLO Other Doctor : SELF

DEPARTMENT OF BIOCHEMISTRY

Test Name Result Bio. Ref. Range

HbA1C-Glycosylated Hemoglobin

Sample Type: WHOLE BLOOD EDTA

Glycosylated Hemoglobin- HbA1C 5.20 Non-diabetic 4-5.7 **HPLC** ~Pre-diabetic 5.7-6.4 ~Diabetic > 6.5 Estimated Average Glucose 102.54 mg/dl

Calculated

Comments:

- 1. HbA1c is used for monitoring diabetic control.
- 2. HbA1c has been endorsed by clinical groups & ADA(American Diabetes Association) guidelines
- 3. Tresnd in HbA1c are a better indicator of diabetic control than a solitary test.
- 4. Low glycosylated haemoglobin (below 4%) in a non-diabetic individual are often associated with systemic inflammatory diseases. Chronic anaemia (especially serve iron deficiency & haemolytic anaemia), chronic renal failure and liver diseases.. Clinical correlation suggested.
- 5. Interference of haemoglobinopathies in HbA1c estimation:
- 6. For HbF> 25%, an alternate platform (Fructosamine) is recommended for testing of HbA1c.
- 7. Homozygous haemoglobinopath is detected, fructosamine is recommended for monitoring diabetic status
- 8. Heterozygous state detected(D10/turbo is corrected for HbS and HbC trait).
- $9. \ \ \textit{In known diabetic patients, following values can be considerd as a tool for monitoring the glycemic control. Excellent \textit{Control-6 to 7 \%, Fair to Good Control Property of the State of the Control Property of the Control Pro$ -7 to 8 %, Unsatisfactory Control. 8 to 10 % and Poor Control – More than 10 %.

Note: Hemoglobin electrophoresis (HPLC method) is recommended for decting haemoglobinopathy.

* This result is true for the sample from this laboratory.

- * Typed by:
- * Checked by:

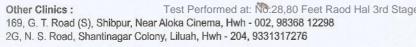


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Page 5 of 18

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^{*} Remarks : Clinical correlation suggested

 $[*]Test\ results\ may\ show\ interlaboratory\ variations.$





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Ref Doctor : ARCOFEMI Status : Final Report Barcode No : 10093661 Client Code : 106

: SELF Client Name : APOLLO Other Doctor

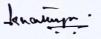
w.	DEPARTME	NT OF BIOCHEMISTRY	
Test Name	Result	Unit	Bio. Ref. Range
	- Ø:		
BLOOD UREA NITROGEN (BUN)		~	
Sample Type : SERUM			
BLOOD UREA NITROGEN (BUN)	08	mg/dl	5-25
SERUM UREA	18	mg/dL	13-45
Urease GLDH, Fixed Time			
GGT			
Sample Type : Serum			
GGT	41	U/L	5-32
CARBOXY SUBSTRATE			
BICARBONATE			
Sample Type : SERUM			
Biocarbonate	23.00	mmol/L	22-29
Phosphoenolpyruvate carboxylase			
CALCIUM			
Sample Type : SERUM			
SERUM IONIC CALCIUM	8.5	mg/dL	8.4-10.4
ARSENAZO			
PHOSPHORUS			
Sample Type : SERUM			



S. PHOSPHORUS

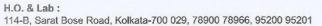
MOLYBDATEU.V

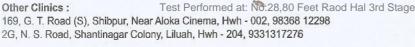
Checked By



Dr. Kamalesh Chatterjee Ph.D. (FAIC, UK) Sr. Consultant Biochemistry







3.30



mq/dL





ADULT: 2.0-5.0~CHILD: 4.0-6.5







(DEPARTMENT OF LABORATORY SERVICES)

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Visit ID : AMP19019 Registration : 23/Mar/2024 02:24PM UHID/MR No Collected : 23/Mar/2024 02:29PM : AMP.0000017803 Patient Name : MR. RATAN KUMAR JANA Received : 23/Mar/2024 04:00PM

Age/Gender : 51 Y O M O D /M : 23/Mar/2024 08:04PM Reported Ref Doctor : ARCOFEMI Status : Final Report

- 45

Barcode No : 10093661 Client Code : 106 : SELF Client Name : APOLLO Other Doctor

DEPARTMENT OF BIOCHEMISTRY

Test Name Result Bio. Ref. Range

URINE FOR SUGAR PP

Sample Type: URINE

URINE FOR SUGAR PP NIL

*** End Of Report ***



Checked By







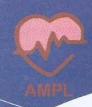








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Visit ID



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(DEPARTMENT OF LABORATORY SERVICES)

Website: www.alokamedicare.in, Email: mail@alokamedicare.in CIN: U85110WB1992PTC055426

: AMP19019 Registration : 23/Mar/2024 02:24PM

 UHID/MR No
 : AMP.0000017803
 Collected
 : 23/Mar/2024 02:29PM

 Patient Name
 : MR. RATAN KUMAR JANA
 Received
 : 23/Mar/2024 04:00PM

 Age/Gender
 : 51 Y 0 M 0 D /M
 Reported
 : 23/Mar/2024 08:05PM

Ref Doctor : ARCOFEMI Status : Final Report

- 65

Barcode No : 10093661 Client Code : 106
Client Name : APOLLO Other Doctor : SELF



DEPARTMENT OF CLINICAL PATHOLOGY

Test Name Result Unit Bio. Ref. Range

URINE ROUTINE EXAMINATION (URE)

Sample Type : URINE PHYSICAL EXAMINATION

VOLUME	60	ml

COLOUR PALE YELLOW STRAW YELLOW
APPEARANCE SLIGHTLY HAZY CLEAR
SEDIMENT PRESENT ABSENT

CHEMICAL EXAMINATION

SPECIFIC GRAVITY 1.010 1.005-1.030

pKa change

REACTION (PH) ACIDIC (6.5) ACIDIC (6.0-6.8)

PH : double indicator principle

PROTEIN NIL NIL protein-error-of-indicators principle

protein-error-or-indicators principle

SUGAR NIL NIL

double sequential enzyme reaction

UROBILINOGEN NORMAL NORMAL Ehrlichs Reaction

Enrichs Reaction

BILE SALT ABSENT ABSENT

Sulpher power method

BILE PIGMENTS ABSENT ABSENT

Fouchets method

KETONE BODIES ABSENT ABSENT

Nitroprusside

BLOOD NEGATIVE NEGATIVE

peroxide-like activity of hemoglobin

MICROSCOPIC EXAMINATION

PUS CELLS 3-4 /HPF 0-5/HPF
RBCs NOT FOUND /HPF NIL

 EPITHELIAL CELLS
 1-2
 F - 8-10/hpf~M - 2-3/hpf

CRYSTALS NOT FOUND ABSENT
CASTS NOT FOUND ABSENT
BACTERIA PRESENT ABSENT

Checked By

Dr.Arindam Das M.B.B.S, M.D.(Path) Consultant Pathologist

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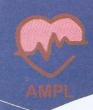














(DEPARTMENT OF LABORATORY SERVICES)

Website: www.alokamedicare.in, Email: mail@alokamedicare.in CIN: U85110WB1992PTC055426

Visit ID : AMP19019

UHID/MR No : AMP.0000017803

Patient Name : MR. RATAN KUMAR JANA

Age/Gender Ref Doctor

Barcode No : 10093661 Client Name

: 51 Y O M O D /M Reported : ARCOFEMI

: APOLLO

Client Code Other Doctor

: 23/Mar/2024 02:24PM : 23/Mar/2024 02:29PM

: 23/Mar/2024 04:00PM : 23/Mar/2024 08:05PM

Status : Final Report

: 106 : SELF MC - 5981

DEPARTMENT OF CLINICAL PATHOLOGY

Test Name

Result

- 45

Registration

Collected

Received

Bio. Ref. Range

*** End Of Report ***



Checked By

Dr.Arindam Das M.B.B.S, M.D.(Path) Consultant Pathologist

114-B, Sarat Bose Road, Kolkata-700 029, 78900 78966, 95200 95201

Test Performed at: No:28,80 Feet Raod Hal 3rd Stage 169, G. T. Road (S), Shibpur, Near Aloka Cinema, Hwh - 002, 98368 12298 2G, N. S. Road, Shantinagar Colony, Liluah, Hwh - 204, 9331317276









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(DEPARTMENT OF LABORATORY SERVICES)

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Visit ID : AMP19019 Registration : 23/Mar/2024 02:24PM UHID/MR No Collected : 23/Mar/2024 02:29PM : AMP.0000017803 Patient Name : MR. RATAN KUMAR JANA Received : 23/Mar/2024 04:00PM Age/Gender : 51 Y O M O D /M : 23/Mar/2024 07:35PM Reported

Ref Doctor : ARCOFEMI Status : Final Report

- 45

Barcode No : 10093661 Client Code : 106 : SELF Client Name : APOLLO Other Doctor

DEPARTMENT OF HAEMATOLOGY

Test Name Result Bio. Ref. Range

PERIPHERAL SMEAR

Sample Type: WHOLE BLOOD EDTA

RBC Normocytic Normochromic

and A few Microcytic Hypochromic No Abnormal Cell Seen

WBC Adequate

PLATELET



Checked By





Other Clinics: 169, G. T. Road (S), Shibpur, Near Aloka Cinema, Hwh - 002, 98368 12298 2G, N. S. Road, Shantinagar Colony, Liluah, Hwh - 204, 9331317276









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(DEPARTMENT OF LABORATORY SERVICES)

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Visit ID : AMP19019 Registration : 23/Mar/2024 02:24PM UHID/MR No Collected : 23/Mar/2024 02:29PM : AMP.0000017803 Patient Name Received : Mr.RATAN KUMAR JANA : 23/Mar/2024 04:00PM Age/Gender : 23/Mar/2024 07:34PM : 51 Y O M O D /M Reported

Ref Doctor : ARCOFEMI Status : Final Report Barcode No : 10093661 Client Code : 106 :SELF Client Name : APOLLO Other Doctor

DEPARTMENT OF HAEMATOLOGY

BLOOD GROUP ABO & RH

TEST NAME	RESULT
Blood Group ABO	"AB"
RH Typing	POSITIVE

KIT USED

: SPANCI ONF

KIT USED :

FRY SCRFFN



Checked By



114-B, Sarat Bose Road, Kolkata-700 029, 78900 78966, 95200 95201

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Visit ID



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Website: www.alokamedicare.in, Email: mail@alokamedicare.in CIN: U85110WB1992PTC055426

DEPARTMENT OF HAEMATOLOGY

: AMP19019 Registration : 23/Mar/2024 02:24PM

UHID/MR No Collected : 23/Mar/2024 02:29PM : AMP.0000017803 Patient Name : 23/Mar/2024 04:00PM : MR. RATAN KUMAR JANA Received Age/Gender : 51 Y O M O D /M : 23/Mar/2024 07:35PM Reported

Ref Doctor : ARCOFEMI Status : Final Report

Result

- 65

Barcode No : 10093661 Client Code : 106 : SELF Client Name : APOLLO Other Doctor



Bio. Ref. Range

COMPLETE HAFMOGRAM

Test Name

COMPLETE HAEMOGRAM			
Sample Type : WHOLE BLOOD EDTA			
HAEMOGLOBIN (HB)	12.4	gm/dl	13.0-17.0
Spectrophotometry			
RBC COUNT(RED BLOOD CELL	4.90	m./cu.mm	4.5-5.5
COUNT)			
Electronic Impedence			
PCV/ Haematocrit	38.1	%	40-50
Electronic Impedance			7.
MCV	77.8	fL	83-101
Calculated			
MCH	25.3	pg	27-32
Calculated			
MCHC	32.5	g/dL	31.5-34.5
Calculated			
TOTAL LEUCOCYTE COUNT (TLC)	7,100	/cu.mm	4000-10000
Electronic Impedance			
DLC (Flow cytometry by Laser/ Micros	copy Leishman Staining)		
NEUTROPHIL	62	%	40-80
Microscopy			
LYMPHOCYTE	33	%	20-40
Microscopy			
MONOCYTE	2	%	2-10
Microscopy			
EOSINOPHIL	3	%	1-6
Microscopy			
BASOPHIL	0	%	<1-2
Microscopy			
PLATELET COUNT	1,70,000	/cu mm	150000-410000
Electrical Impedence			
ERYTHROCYTE SEDIMENTATION	8	mm	<10 mm after 1st hour
RATE			



Modified Westergren

Checked By

Dr.Arindam Das M.B.B.S, M.D.(Path) Consultant Pathologist

114-B, Sarat Bose Road, Kolkata-700 029, 78900 78966, 95200 95201

Other Clinics:

169, G. T. Road (S), Shibpur, Near Aloka Cinema, Hwh - 002, 98368 12298 2G, N. S. Road, Shantinagar Colony, Liluah, Hwh - 204, 9331317276









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(DEPARTMENT OF LABORATORY SERVICES)

Website: www.alokamedicare.in, Email: mail@alokamedicare.in CIN: U85110WB1992PTC055426

Visit ID : AMP19019

UHID/MR No : AMP.0000017803

Patient Name : MR. RATAN KUMAR JANA

Age/Gender Ref Doctor

: 51 Y O M O D /M : ARCOFEMI

Barcode No : 10093661 Client Name : APOLLO

Registration Collected

: 23/Mar/2024 02:24PM

: 23/Mar/2024 02:29PM : 23/Mar/2024 04:00PM

Received : 23/Mar/2024 07:35PM Reported

Status : Final Report

Client Code : 106 : SELF Other Doctor



DEPARTMENT OF HAEMATOLOGY

Test Name

Result

- 48

Bio. Ref. Range

*** End Of Report ***



Checked By

Dr.Arindam Das M.B.B.S, M.D.(Path) Consultant Pathologist

114-B, Sarat Bose Road, Kolkata-700 029, 78900 78966, 95200 95201

Other Clinics:

169, G. T. Road (S), Shibpur, Near Aloka Cinema, Hwh - 002, 98368 12298 2G, N. S. Road, Shantinagar Colony, Liluah, Hwh - 204, 9331317276









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(DEPARTMENT OF LABORATORY SERVICES)

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Visit ID : AMP19019 Registration : 23/Mar/2024 02:24PM UHID/MR No Collected : 23/Mar/2024 02:29PM : AMP.0000017803 : MR. RATAN KUMAR JANA Patient Name Received : 23/Mar/2024 04:00PM Age/Gender : 51 Y O M O D /M Reported : 23/Mar/2024 06:40PM

Ref Doctor : ARCOFEMI Status : Final Report

- 6

Barcode No : 10093661 Client Code : 106 Client Name : APOLLO Other Doctor : SELF

DEPARTMENT OF HORMONE ASSAYS

Test Name Result Bio. Ref. Range

THYROID PROFILE TOTAL (T3,T4,TSH)

Sample Type: SERUM

T3- TRI-IODOTHYRONINE TOTAL CLIA	1.32	ng/mL	0.69-2.15
T4 - THYROXINE TOTAL	89.9	ng/mL	52-127
Thyroid Stimulating Hormone (TSH) CLIA	6.14	μIU/mL	0.3-4.5

^{**}Please Correlate With Clinically

INTERPRETATION:

- 1. Serum T3, T4 and TSH are the measurements form three components of thyroid screening panel and are useful in diagnosing various disorders of thyroid gland function.
- 2. Primary hyperthyroidism is accompanied by elevated serum T3 and T4 values along with depressed TSH levels.
- 3. Primary hypothyroidism is accompanied by depressed serum T3 and T4 values and elevated serum T5H levels.

 4. Normal T4 levels accompanied by high T3 levels are seen in patients with T3 thyrotoxicosis. Slightly elevated T3 levels may be found in pregnancy and in estrogen therapy while depressed levels may be encountered in severe illness, malnutrition, renal failure and during therapy with drugs like propanolol and propylthiouracil.
- 5. Although elevated TSH levels are nearly always indicative of primary hypothyroidism, rarely they can result from TSH secreting pituitary tumors (secondary hyperthyroidism)
- 6. Low levels of Thyroid hormones (T3, T4 & FT3, FT4) are seen in cases of primary, secondary and tertiary hypothyroidism and sometimes in non-thyroidal illness also.
- 7. Increased levels are found in Grave's disease, hyperthyroidism and thyroid hormone resistance.
- TSH levels are raised in primary hypothyroidism and are low in hyperthyroidism and secondary hypothyroidism.

9. REFERENCE RANGE:

PREGNANCY	TSH in uI U/mL
1st Trimester	0.60 - 3.40
2nd Trimester	0.37 - 3.60
3rd Trimester	0.38 - 4.04

Age	TSH in uI U/mL
0 - 4 Days	1.00 - 39.00
2 Weeks to 5 Months	1.70 - 9.10
6 Months to 20 Yrs.	0.70 - 6.40
>55 Yrs.	0.50 - 8.90

⁽ References range recommended by the American Thyroid Association)

Comments:

1. During pregnancy, Free thyroid profile (FT3, FT4 & Ultra-TSH) is recommended.

2. TSH levels are subject to circadian variation, reaches peak levels between 2-4 AM and at a minimum between 6-10 PM. The variation of the day has influence on the measured serum TSH concentrations.



Checked By

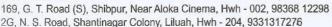


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114-B, Sarat Bose Road, Kolkata-700 029, 78900 78966, 95200 95201

Other Clinics:

















(DEPARTMENT OF LABORATORY SERVICES)

Website: www.alokamedicare.in, Email: mail@alokamedicare.in CIN: U85110WB1992PTC055426

Visit ID : AMP19019 Registration : 23/Mar/2024 02:24PM UHID/MR No Collected : 23/Mar/2024 02:29PM : AMP.0000017803 Patient Name : MR. RATAN KUMAR JANA Received : 23/Mar/2024 04:00PM Age/Gender : 51 Y O M O D /M : 23/Mar/2024 06:40PM Reported

Ref Doctor : ARCOFEMI Status : Final Report

- 45

Barcode No : 10093661 Client Code : 106 : SELF Client Name : APOLLO Other Doctor

DEPARTMENT OF HORMONE ASSAYS

Test Name Result

Bio. Ref. Range



Checked By



114-B, Sarat Bose Road, Kolkata-700 029, 78900 78966, 95200 95201

Test Performed at: No:28,80 Feet Raod Hal 3rd Stage 169, G. T. Road (S), Shibpur, Near Aloka Cinema, Hwh - 002, 98368 12298 2G, N. S. Road, Shantinagar Colony, Liluah, Hwh - 204, 9331317276

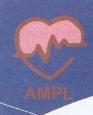








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(DEPARTMENT OF LABORATORY SERVICES)

Website: www.alokamedicare.in, Email: mail@alokamedicare.in

CIN: U85110WB1992PTC055426

Visit ID Registration : AMP19019 : 23/Mar/2024 02:24PM UHID/MR No : AMP.0000017803 Collected : 23/Mar/2024 02:29PM **Patient Name** : MR. RATAN KUMAR JANA Received : 23/Mar/2024 04:00PM Age/Gender : 51 Y O M O D /M Reported : 23/Mar/2024 06:40PM

Ref Doctor : ARCOFEMI Status : Final Report

Barcode No : 10093661 , Client Code : 106 Client Name : APOLLO Other Doctor : SELF

DEPARTMENT OF HORMONE ASSAYS

Test Name Result Unit Bio. Ref. Range

25 HYDROXY VITAMIN D

Sample Type: SERUM

VITAMIN D 14.8 ng/ml Deficiency < 10~Insufficiency 10-29~Sufficiency

CLIA 30-100~Toxicity > 100

Vitamin D is influenced by sunlight, latitude, skin pigmentation, sunscreen use and hepatic function. Optimal calcium absorption requires vitamin D 25 (OH) levels exceeding 75 nmol/L It shows seasonal variation, with values being 40-50% lower in winter than in summer. Levels vary with age and are increased in pregnancy. The recommended test for evaluation of 25 Hydroxy Vitamin D is by LC- MS/MS

- 1. Vit D is the fat soluble vitamin and exists in two main forms as cholecalciferol (Vit D3) which is synthesised in skin from 7 dehydrocholesterol in response to sunlight exposure and Ergocalciferol (Vit D2) present mainly in dietary sources. Both cholecalciferol & Ergocalciferol are converted to 25(OH) vitamin D in liver.
- 2. Testing for 25(OH) vitamin D is recommended as it is the best indicator of vitamin D nutritional status as obtained from sunlight exposure & dietary intake. For diagnosis of Vitamin D deficiency it is recommended to have clinical correlation with serum 25(OH) vitamin D, serum calcium, serum PTH and serum alkaline phosphate.
- 3. During monitoring of oral vitamin D therapy-suggested testing of serum 25(OH)vitamin D supplement and time to achieve sufficient vitamin D levels show significant seasonal (especially winter) and individual variability depending on age, body fat, sun exposure, physical activity, genetic factor associated renal or liver disease, malabsorption syndromes and calcium or magnesium deficiency influencing the vitamin D metabolism. Vitamin D toxicity is known but very rare. Kindly correlate clinically. If necessary discuss/repeat. This is an electronically authenticated report
- * This result is true for the sample from this laboratory.
- * Remarks: Clinical correlation suggested
- *Test results may show interlaboratory variations.
- *Checked by:



Checked By

Dr.Arindam Das M.B.B.S, M.D.(Path) Consultant Pathologist



Other Clinics:
169, G. T. Road (S), Shibpur, Near Aloka Cinema, Hwh - 002, 98368 12298
2G, N. S. Road, Shantinagar Colony, Liluah, Hwh - 204, 9331317276









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(DEPARTMENT OF LABORATORY SERVICES)

Website: www.alokamedicare.in, Email: mail@alokamedicare.in

CIN: U85110WB1992PTC055426

Visit ID : 23/Mar/2024 02:24PM : AMP19019 Registration UHID/MR No Collected : AMP.0000017803 : 23/Mar/2024 02:29PM

Patient Name : MR. RATAN KUMAR JANA Received : 23/Mar/2024 04:00PM : 23/Mar/2024 06:40PM Age/Gender : 51 Y O M O D /M Reported Ref Doctor : ARCOFEMI Status : Final Report

Barcode No : 10093661 Client Code : 106 Client Name : APOLLO Other Doctor : SELF

DEPARTMENT OF HORMONE ASSAYS

Test Name Result Bio. Ref. Range

PROSTATE SPECIFIC ANTIGEN (PSA) - TOTAL

Sample Type: SERUM

PROSTATE SPECIFIC ANTIGEN 0.48 ng/mL 0-4

- 65

CLIA

INTERPRETATION:

Raised Total PSA levels may indicate prostate cancer, benign prostate hypertation (BPH), or inflammation of the prostate. Prostate manipulation by biopsy or rigorous physical activity may temporarily elevate PSA levels. The blood test should be done before surgery or six weeks after manipulation. The total PSA may be ordered at regular intervals during treatment of men who have been diagnosed with Prostate cancer and in prostatic cancer cases under observation.



Checked By





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(DEPARTMENT OF LABORATORY SERVICES)

Website: www.alokamedicare.in, Email: mail@alokamedicare.in CIN: U85110WB1992PTC055426

Collected

Received

Reported

Visit ID : AMP19019 UHID/MR No

: AMP.0000017803

Patient Name : MR. RATAN KUMAR JANA Age/Gender : 51 Y O M O D /M

Ref Doctor : ARCOFEMI

Barcode No : 10093661 Client Name : APOLLO

Registration : 23/Mar/2024 02:24PM

· 23/Mar/2024 02:29PM

: 23/Mar/2024 04:00PM : 23/Mar/2024 06:40PM

: Final Report

Status

Client Code : 106

Other Doctor : SELF

DEPARTMENT OF HORMONE ASSAYS

Test Name

Result

Bio. Ref. Range

VITAMIN B12

Sample Type: SERUM

VITAMIN B12

393

pg/mL

200-1100

CLIA

Vitamin B12, also known as cyanocobalamin, is a water soluble vitamin that is required for the maturation of erythrocytes and coenzyme form for more than 12 different enzyme systems. Groupsat risk for vitamin B12 deficiency include those (1) older than 65 years of age (2) with malabsorption (3) who are vegetarians (4) with autoimmune disorders(5) taking prescribed medication known to interfere with vitamin absorption or metabolism, including nitrous oxide, phenytoin, dihydrofolate reductase inhibitors, metformin,

and proton pump inhibitors (6) infants with suspected metabolic disorders.

The most common cause of Vitamin B12 deficiency is pernicious anemia. Deficiency of Vitamin B12 is associated with megaloblastic anemia and neuropathy. Excess Vitamin B12 is excreted in urine. No adverse effects have been associated with excess vitamin B12 intake from food or supplements in healthy people

COMMENTS:

Results may differ between laboratories due to variation in population and test method. Vitamin B12 is implicated in the formation of myelin, and along with Folate is required for DNA synthesis. The most prominent source of B12 for humans is meat while untreated fresh water can also be a source.

Megaloblastic anaemia has been found to be due to B12 deficiency, a major cause being Pernicious anemia due to poor B12 uptake resulting in below normal serum levels. Other conditions related to low B12 levels include iron deficiency anemia, pregnancy, vegetarianism, partial gastrectomy, ileal damage, oral contraceptives, parasitic infestations, pancreatic deficiency, treated epilepsy and advancing age. The correlation of serum B12 levels and Megaloblastic anemia however is not always clear - some patients with high MCV may have normal B12 levels, while some individuals with B12 deficiency may not have megaloblastic anemia. Disorders renal failure, liver diseases and myeloproliferative diseases may have elevated vitamin B12 levels.

LIMITATIONS:

For diagnostic purposes, the B12 results should be used in conjunction with other data; e.g.; symptoms results of other testing, clinical impressions, etc.

If the B12 level is inconsistent with clinical evidence, additional testing is suggested to confirm the result.

*** End Of Report ***



Checked By

M.B.B.S, M.D.(Path) Consultant Pathologist

114-B, Sarat Bose Road, Kolkata-700 029, 78900 78966, 95200 95201

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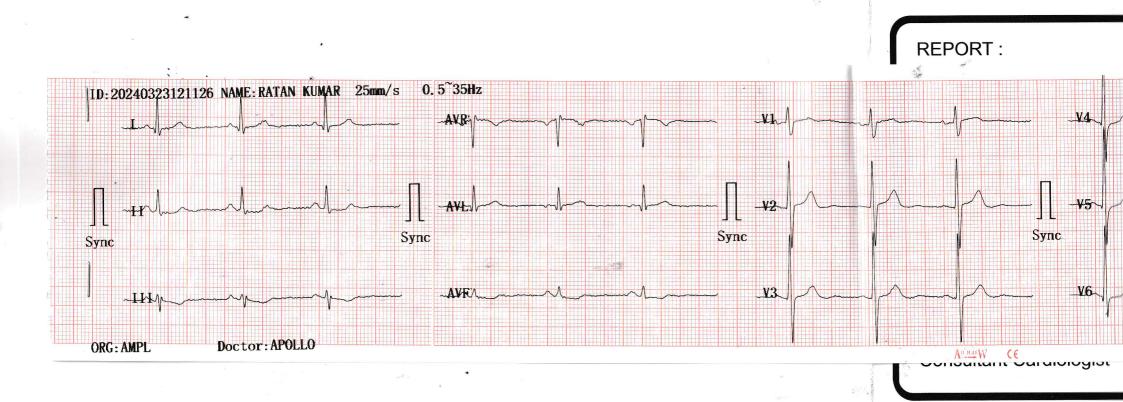








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HR: 66 bpm REPORT: : 20240323121126 001: Sinus Rhythm Name : RATAN KUMAR 147: T Wave Abnormality : Male Sex 175: Abnormal ECG : 51 Age HR : 66 **bpm** : 902 R-Rms Report Comfirmed by: : 143 : 88 QRS ms QT/QTC: 390/410 Sync Sync 2024-03-23 12:11:45 P/QRS/T: 60/ 30/ 15 RV5/SV1: 1.963/-0.322 mV RV5+SV1: 1.642 m۷ **V3** QTcF : 0.432

REPORT:

HR: 66 bpm Simm Rhythm Within normal Kimbs

25/03/29

Consultant Cardiologist

Dr. S. B. Nagori, M. D. Chief Cardiologist





Formerly Calcutta Heart Research Centre

Website: www.alokamedicare.in, Email: mail@alokamedicare.in

CIN: U85110WB1992PTC055426

: AMP19019 Patient Name: Mr.RATAN KUMAR JANA Bill No

Age/Gender : 51 Y O M O D /M Reg. Date : 23/Mar/2024 02:24PM

Referred By : Dr.ARCOFEMI Reported : 23/Mar/2024 04:39PM

Centre Name : APOLLO Report Status : Final Report

DEPARTMENT OF CARDIOLOGY

ECHOCARDIOGRAPHY COLOUR DOPPLER

M.Mode Data	Test value	Normal range	Unit	M.Mode Data	Test value	Normal range	<u>Unit</u>
<u>Parameter</u>		(Adult)		<u>Parameter</u>		(Adult)	
Aortic Root Diameter	39	20-40	<u>mm</u>	EF slope	73	50-150	mm/sec
Aortic Cusp Opening	17	15-20	<u>mm</u>	DE Amplitude	13	15-20	<u>Mm</u>
Left Atrial Diameter	38	20-40	<u>mm</u>	EPSS	08	01-10	<u>mm</u>
IV Septal thickness (diastole)	12	06-11	mm				
LV internal diameter (diastole)	52	35-56	mm	LV ejection fraction	66	55-75	<u>%</u>
LV Posterior wall thickness(diastole)	12	06-11	<u>mm</u>	Fraction shortening)	37	20-45	<u>%</u>
LV internal diameter (systole)	32	24-42	mm	RV Internal Diameter	19	6-23	<u>mm</u>
Doppler Data Structure	Flow Velocity(m/Se	c)	Pressure	Gradient (mmHg)	Regu	urgitation in Grade	
Mitral valve	E: 0.81 A: 0.64				0/4		
Tricuspid Valve	0.70		1.9		0/4		
Aortic Valve	0.98		3.8		0/4		
Pulmonary Valve	1.39		7.2		0/4		

IMPRESSION:

· Left ventricle shows:

Concentric LV hypertrophy. No regional wall motion abnormality. Good systolic function with LVEF - 66%

Adequate diastolic compliance (E/E' = 12)

- Normal size LA, RV & RA. Good RV systolic function.
- Normal cardiac valves.
- No pulmonary arterial hypertension.
- No intra cardiac shunt / mass.
- No pericardial effusion.

----- Please correlate clinically.



Checked By

Page 1 of 3

Dr. Aditva Verma MD, DNB, DM(Cardiology) **Consultant International** Cardiologist

114-B, Sarat Bose Road, Kolkata-700-029, 789600-78966, 95200-95200-et Raod Hal 3rd Stage

Other Clinics:

169, G. T. Road (S), Shibpur, Near Aloka Cinema, Hwh - 002, 98368 12298 2G, N. S. Road, Shantinagar Colony, Liluah, Hwh - 204, 9331317276













Formerly Calcutta Heart Research Centre

Website: www.alokamedicare.in, Email: mail@alokamedicare.in

CIN: U85110WB1992PTC055426

Patient Name: Mr.RATAN KUMAR JANA

Bill No

: AMP19019

Age/Gender

: 51 Y O M O D /M

Reg. Date

: 23/Mar/2024 02:24PM

Referred By

: Dr.ARCOFEMI

Reported

: 23/Mar/2024 04:14PM

Centre Name : APOLLO Report Status

: Final Report

DEPARTMENT OF ULTRASOUND

ULTRA SOUND WHOLE ABDOMEN

Liver: Is normal in size, its parenchyma presents increased homogenous echopattern. No hepatic focal lesions. No intrahepatic biliary duct dilatation.

CBD: Not dilated. (4 mm)

Portal vein: Normal in caliber. (8 mm)

Gall bladder: It is normally distended. The wall appears to be of normal thickness. No evidence of calculi or biliary mud in the visualized lumen.

Spleen: Is of normal size (114 mm) and uniform echopattern.

Pancreas: Normal sonographic appearance of the visualized parts.

Aorta and IVC appears normal. No significant paraaortic lymphadenopathy.

Both kidneys: Are of normal size, shape with regular outline. No evidence of calculi, backpressure or cystic changes on both sides. Good corticomedullary differentiation and adequate parenchymal thickness.

Right kidney measures – 90 mm. Left kidney measures – 104 mm.

No evidence of free or loculated intraperitoneal or pelvic fluid collections.

Urinary bladder: Is normally distended with no masses or calculi. Visualized lumen appears clear.

Prostate: Is normal in size (20 cc) with homogenous echopattern, intact capsule and peripheral zone.

IMPRESSION:

Grade I fatty changes in liver.

-----Clinical correlation & further investigation suggested.



Checked By

M. Hivruzzaman

DR. M. NURUZZAMAN MBBS, DMRD, MD Consultant Radiologist

Page 2 of 3

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Formerly Calcutta Heart Research Centre

Website: www.alokamedicare.in, Email: mail@alokamedicare.in

CIN: U85110WB1992PTC055426

Patient Name: Mr.RATAN KUMAR JANA

Bill No : AMP19019

Age/Gender

: 51 Y O M O D /M

Reg. Date : 23/Mar/2024 02:24PM

Referred By

: Dr.ARCOFEMI

Reported

: 23/Mar/2024 04:55PM

Centre Name : APOLLO Report Status : Final Report

DEPARTMENT OF X-RAY

X-RAY CHEST PA VIEW

STUDY SHOWS

- · Prominent bilateral vascular markings.
- · Both hila are normal.
- · Mediastinum is central.
- Transverse cardiac diameter is within normal limits.
- · Both CP angles are clear.
- · Both hemidiaphragm are normal.
- Rib cage and spine appears normal.

*** End Of Report ***



Checked By

RADIOLOGIST

114-B, Sarat Bose Road, Kolkata-700-029, 789600-78966, 95200-95200-et Raod Hal 3rd Stage

Other Clinics:

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CERTIFICATE OF MEDICAL FITNESS

This is to certify that I have conducted the clinical examination of RATAN KR. JHA on 23.03.24

	1
Medically Fit	
Fit with restrictions/recom	ımendations
Though following restricting the impediments to the job	ions have been revealed, in my opinion, these are b.
1	
Orași de la constant	
communicated to him/her.	ould follow the advice/medication that has been
Review after	i i
	97
Currently Unfit.	4
Review after	recommended
1	

This certificate is not meant for medico-legal purposes 7890078911

Medical Officer S, MD

The Apollo Clinic, (Location) Physician

MER- MEDICAL EXAMINATION REPORT

Date of Examination	23.3.24
NAME	RATAN KR. JHA
AGE	51 Gender M
HEIGHT(cm)	165 WEIGHT (kg) 74
B.P.	130/89-62
ECG	MORMAL
X Ray	NORMAL
Vision Checkup	MV-M18; CV-MORMAL DV-616;
Present Ailments	NO
Details of Past ailments (If Any)	NIL
Comments / Advice : She /He is Physically Fit	YES

DR. S. B. NAGORI

MBBS, MD,

Consultant C irdiologist & Physician

REGN. NO. 36968 (WBMC)

Cell No. 7890978911

Signature with Stamp of Medical Examiner



Formerly Calcutta Heart Research Centre

Website: www.alokamedicare.in, Email: mail@alokamedicare.in CIN: U85110WB1992PTC055426

1

Patient Name	RATAN KUMAR JANA	Patient ID:	AMP19019	-8.
Age:	51 Yrs	Sex:	MALE	
Ref by:	APOLLO	Study Date	23/03/2024	

OPTHALMIC REPORT

Chief complaints:

Routine checkup.

Physical Examination:

VISUAL ACUITY:

RIGHT EYE LEFT EYE **DISTANT VISION: -**Without glasses 6/6 6/6 With glasses 6/6 6/6 **NEER VISION: -**Without glasses **N18** N18 With Glasses N6 N6

COLOUR VISION: - NAD (By modified Ishiara's Chart)

Exam Right Eye Left Eye

Cornea Clear Clear

Lens Clear Clear

Diagnosis: Normal parameters with refractive error.

Dr. P. K. Dadawala M.B.B.S., M.S. (Oph)

114-B, Sarat Bose Road, Kolkata-700 029, 78900 78966, 95200 95201







