Name	: **Ms. ANITA KUMARI**		**Age**	: **53 Years**	
Lab No.	: **471070821**		**Gender**	: **Female**	
Ref By	: **Dr. SHAYAM KISHORE**		**Reported**	: **30/7/2024 5:15:45PM**	
Collected	: **30/7/2024 10:52:00AM**		**Report Status**	: **Final**	
A/c Status	: **P**		**Processed at**	: **Patna Lab II**	
Collected at	: **RAZA BAZAR -CC RAZA BAZAR SHEIKHPURA SUKH SMRITI APARTM ENT PS-SHASHTRINAGAR Patna MO-9835463985**			**R K ESTATE opposite IGIMS Raja Bazar Bailey Road Patna-800014**	

MC-3563

Test Report

SwasthFit Super 2

LIVER & KIDNEY PANEL, SERUM

Test Name	Results	Units	Bio. Ref. Interval
Creatinine (Jaffe Compensated)	0.75	mg/dL	<0.90
GFR Estimated	95	mL/min/1.73m2	>59
GFR Category	G1		
Urea (Urease UV)	**46.10**	mg/dL	21.00 - 43.00
Urea Nitrogen Blood	**21.53**	mg/dL	9.80 - 20.10
BUN/Creatinine Ratio	29		
Uric Acid (Enzymatic Colorimetric)	**6.20**	mg/dL	2.4 - 5.7
AST (SGOT) (IFCC without P5P)	14.7	U/L	<32
ALT (SGPT) (IFCC without P5P)	14.4	U/L	<33
GGTP (IFCC)	23.0	U/L	<42.00
Alkaline Phosphatase (ALP) (IFCC)	79.00	U/L	<98
Bilirubin Total (Diazo)	0.36	mg/dL	<1.10
Bilirubin Direct (Diazo)	0.16	mg/dL	<0.20
Bilirubin Indirect (Calculated)	0.20	mg/dL	<1.10
Total Protein (Biuret)	7.57	g/dL	6.40 - 8.30
Albumin (BCG)	4.66	g/dL	3.50 - 5.20
A : G Ratio (Calculated)	1.60		0.90 - 2.00
Globulin(Calculated)	2.91	gm/dL	2.0 - 3.5
Calcium, Total (NM-BAPTA)	**10.77**	mg/dL	8.6 - 10.0

Name	:	**Ms. ANITA KUMARI**	**Age**	:	**53 Years**
Lab No.	:	**471070821**	**Gender**	:	**Female**
Ref By	:	**Dr. SHAYAM KISHORE**	**Reported**	:	**30/7/2024 5:15:45PM**
Collected	:	**30/7/2024 10:52:00AM**	**Report Status**	:	**Final**
A/c Status	:	**P**	**Processed at**	:	**Patna Lab II**
Collected at	:	**RAZA BAZAR -CC RAZA BAZAR SHEIKHPURA SUKH SMRITI APARTM ENT PS-SHASHTRINAGAR Patna MO-9835463985**			**R K ESTATE opposite IGIMS Raja Bazar Bailey Road Patna-800014**

MC-3563

Test Report

Test Name	Results	Units	Bio. Ref. Interval
Phosphorus (Molybdate UV)	3.06	mg/dL	2.6 - 4.5
Sodium (Indirect ISE)	**132.60**	mEq/L	136.00 - 145.00
Potassium (Indirect ISE)	4.06	mEq/L	3.5 - 5.1
Chloride (Indirect ISE)	**93.40**	mEq/L	98 - 108

Name	: **Ms. ANITA KUMARI**		
Lab No.	: **471070821**	**Age**	: **53 Years**
Ref By	: **Dr. SHAYAM KISHORE**	**Gender**	: **Female**
Collected	: **30/7/2024 10:52:00AM**	**Reported**	: **30/7/2024 5:15:45PM**
A/c Status	: **P**	**Report Status**	: **Final**
Collected at	: **RAZA BAZAR -CC RAZA BAZAR SHEIKHPURA SUKH SMRITI APARTM ENT PS-SHASHTRINAGAR Patna MO-9835463985**	**Processed at**	: **Patna Lab II R K ESTATE opposite IGIMS Raja Bazar Bailey Road Patna-800014**

MC-3563

Test Report

Test Name	Results	Units	Bio. Ref. Interval
LIPID SCREEN, SERUM			
Cholesterol, Total (CHOD-PAP)	193.10	mg/dL	<200
Triglycerides (GPO-PAP)	134.10	mg/dL	<150.00
HDL Cholesterol (Homogenous Enzymatic Colorimetric)	**40.60**	mg/dL	>50
LDL Cholesterol, Calculated (Calculated)	**125.68**	mg/dL	<100.00
VLDL Cholesterol,Calculated (Calculated)	26.82	mg/dL	<30.00
Non-HDL Cholesterol (Calculated)	**153**	mg/dL	<130

Note

1. Measurements in the same patient can show physiological & analytical variations. Three serial samples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL& LDL Cholesterol.
2. Additional testing for Apolipoprotein B, hsCRP, Lp(a) & LP-PLA2 should be considered among patients with moderate risk for ASCVD for risk refinement.

Treatment Goals as per Lipid Association of India 2020

RISK CATEGORY	TREATMENT GOAL		CONSIDER THERAPY	
	LDL CHOLESTEROL (LDL-C)(mg/dL)	NON HDL CHLOESTEROL (NON HDL-C) (mg/dL)	LDL CHOLESTEROL (LDL-C)(mg/dL)	NON HDL CHLOESTEROL (NON HDL-C) (mg/dL)
Extreme Risk Group Category A	<50 (Optional goal ≤30)	<80 (Optional goal ≤60)	≥50	≥80
Extreme Risk Group Category B	≤30	≤60	>30	>60
Very High	<50	<80	≥50	≥80
High	<70	<100	≥70	≥100
Moderate	<100	<130	≥100	≥130
Low	<100	<130	≥130*	≥160*

*In low risk patient, consider therapy after an initial non-pharmacological intervention for at least 3 months

Name	: **Ms. ANITA KUMARI**		
Lab No.	: **471070821**	**Age**	: **53 Years**
Ref By	: **Dr. SHAYAM KISHORE**	**Gender**	: **Female**
Collected	: **30/7/2024 10:52:00AM**	**Reported**	: **30/7/2024 5:15:45PM**
A/c Status	: **P**	**Report Status**	: **Final**
Collected at	: **RAZA BAZAR -CC RAZA BAZAR SHEIKHPURA SUKH SMRITI APARTM ENT PS-SHASHTRINAGAR Patna MO-9835463985**	**Processed at**	: **Patna Lab II R K ESTATE opposite IGIMS Raja Bazar Bailey Road Patna-800014**

MC-3563

Test Report

Test Name	Results	Units	Bio. Ref. Interval
GLUCOSE, FASTING (F) (Hexokinase)			
Glucose Fasting	94.00	mg/dL	70.00 - 100.00
THYROID PROFILE,TOTAL, SERUM (ECLIA)			
T3, Total	**0.32**	ng/mL	0.80 - 2.00
T4, Total	11.60	µg/dL	5.10 - 14.10
TSH	1.30	µIU/mL	0.27 - 4.20

Note

1. TSH levels are subject to circadian variation, reaching peak levels between 2 - 4.a.m. and at a minimum between 6-10 pm . The variation is of the order of 50% . hence time of the day has influence on the measured serum TSH concentrations.
2. Alteration in concentration of Thyroid hormone binding protein can profoundly affect Total T3 and/or Total T4 levels especially in pregnancy and in patients on steroid therapy.
3. Unbound fraction (Free,T4 /Free,T3) of thyroid hormone is biologically active form and correlate more closely with clinical status of the patient than total T4/T3 concentration
4. Values <0.03 uIU/mL need to be clinically correlated due to presence of a rare TSH variant in some individuals

Name	: **Ms. ANITA KUMARI**		**Age**	: **53 Years**	
Lab No.	: **471070821**		**Gender**	: **Female**	
Ref By	: **Dr. SHAYAM KISHORE**		**Reported**	: **30/7/2024 5:15:45PM**	
Collected	: **30/7/2024 10:52:00AM**		**Report Status**	: **Final**	
A/c Status	: **P**		**Processed at**	: **Patna Lab II**	
Collected at	: **RAZA BAZAR -CC**			**R K ESTATE opposite IGIMS Raja Bazar**	
	RAZA BAZAR SHEIKHPURA SUKH SMRITI			**Bailey Road Patna-800014**	
	APARTM ENT PS-SHASHTRINAGAR Patna				
	MO-9835463985				

MC-3563

Test Report

Test Name	Results	Units	Bio. Ref. Interval
HbA1c (GLYCOSYLATED HEMOGLOBIN), BLOOD (HPLC, NGSP certified)			
HbA1c	**6.7**	%	4.00 - 5.60
Estimated average glucose (eAG)	146	mg/dL	

Interpretation

HbA1c result is suggestive of Diabetes/ well controlled Diabetes in a known Diabetic

Interpretation as per American Diabetes Association (ADA) Guidelines

Reference Group	Non diabetic adults >=18 years	At risk (Prediabetes)	Diagnosing Diabetes	Therapeutic goals for glycemic control
HbA1c in %	4.0-5.6	5.7-6.4	>= 6.5	<7.0

Note: Presence of Hemoglobin variants and/or conditions that affect red cell turnover must be considered, particularly when the HbA1C result does not correlate with the patient's blood glucose levels.

FACTORS THAT INTERFERE WITH HbA1C MEASUREMENT	FACTORS THAT AFFECT INTERPRETATION OF HBA1C RESULTS
Hemoglobin variants,elevated fetal hemoglobin (HbF) and chemically modified derivatives of hemoglobin (e.g. carbamylated Hb in patients with renal failure) can affect the accuracy of HbA1c measurements	Any condition that shortens erythrocyte survival or decreases mean erythrocyte age (e.g.,recovery from acute blood loss, hemolytic anemia, HbSS, HbCC, and HbSC) will falsely lower HbA1c test results regardless of the assay method used.Iron deficiency anemia is associated with higher HbA1c

Name	: **Ms. ANITA KUMARI**	**Age**	: **53 Years**
Lab No.	: **471070821**	**Gender**	: **Female**
Ref By	: **Dr. SHAYAM KISHORE**	**Reported**	: **30/7/2024 5:15:45PM**
Collected	: **30/7/2024 10:52:00AM**	**Report Status**	: **Final**
A/c Status	: **P**	**Processed at**	: **Patna Lab II R K ESTATE opposite IGIMS Raja Bazar Bai Road Patna-800014**
Collected at	: **RAZA BAZAR -CC RAZA BAZAR SHEIKHPURA SUKH SMRITI APARTM ENT PS-SHASHTRINAGAR Patna MO-9835463985**		

MC-3563

Test Report

Test Name	Results	Units	Bio. Ref. Interval
COMPLETE BLOOD COUNT; CBC (SLS Method, Sheath Flow DC Detection Method, Fluorescent Flow Cytometry & Calculated)			
Hemoglobin	**9.10**	g/dL	12.00 - 15.00
Packed Cell Volume (PCV)	**29.80**	%	36.00 - 46.00
RBC Count	**3.17**	mill/mm3	3.80 - 4.80
MCV	94.00	fL	83.00 - 101.00
Mentzer Index	29.7		
MCH	28.70	pg	27.00 - 32.00
MCHC	**30.50**	g/dL	31.50 - 34.50
Red Cell Distribution Width (RDW)	**15.80**	%	11.60 - 14.00
Total Leukocyte Count (TLC)	**13.34**	thou/mm3	4.00 - 10.00
Differential Leucocyte Count (DLC)			
Segmented Neutrophils	59.20	%	40.00 - 80.00
Lymphocytes	37.80	%	20.00 - 40.00
Monocytes	2.80	%	2.00 - 10.00
Eosinophils	**0.00**	%	1.00 - 6.00
Basophils	0.20	%	<2.00
Absolute Leucocyte Count			
Neutrophils	**7.90**	thou/mm3	2.00 - 7.00
Lymphocytes	**5.04**	thou/mm3	1.00 - 3.00
Monocytes	0.37	thou/mm3	0.20 - 1.00
Eosinophils	**0.00**	thou/mm3	0.02 - 0.50

Name	:	**Ms. ANITA KUMARI**	**Age**	:	**53 Years**
Lab No.	:	**471070821**	**Gender**	:	**Female**
Ref By	:	**Dr. SHAYAM KISHORE**	**Reported**	:	**30/7/2024 5:15:45PM**
Collected	:	**30/7/2024 10:52:00AM**	**Report Status**	:	**Final**
A/c Status	:	**P**	**Processed at**	:	**Patna Lab II R K ESTATE opposite IGIMS Raja Bazar Bai Road Patna-800014**
Collected at	:	**RAZA BAZAR -CC RAZA BAZAR SHEIKHPURA SUKH SMRITI APARTM ENT PS-SHASHTRINAGAR Patna MO-9835463985**			

MC-3563

Test Report

Test Name	Results	Units	Bio. Ref. Interval
Basophils	0.03	thou/mm3	0.02 - 0.10
Platelet Count	285	thou/mm3	150.00 - 410.00

Comment

In anaemic conditions Mentzer index is used to differentiate Iron Deficiency Anaemia from Beta- Thalassemia trait. If Mentzer Index value is >13, there is probability of Iron Deficiency Anaemia. A value <13 indicates likelihood of Beta- Thalassemia trait and Hb HPLC is advised to rule out the Thalassemia trait.

Note

1. As per the recommendation of International council for Standardization in Hematology, the differential leucocyte counts are additionally being reported as absolute numbers of each cell in per unit volume of blood
2. Test conducted on EDTA whole blood

Dr Binay kumar.
MD,Pathology
Consultant Pathologist
Dr Lal PathLabs Ltd

Dr Manju Sharma
DCP, Pathology
Consultant Pathologist

Dr Suryakant Nirala
MD, Pathology
Consultant Pathologist
Dr Lal PathLabs Ltd

Dr. Poonam Sinha
MD Biochemistry
Consultant Biochemist
Dr Lal PathLabs Ltd

Dr.Shalini Sinha
MBBS , DCP
Chief of Laboratory
Dr Lal PathLabs Ltd

----------End of report ----------

Name	: Ms. ANITA KUMARI		Age	: 53 Years	
Lab No.	: 471070821		Gender	: Female	
Ref By	: Dr. SHAYAM KISHORE		Reported	: 30/7/2024 5:15:45PM	
Collected	: 30/7/2024 10:52:00AM		Report Status	: Final	
A/c Status	: P		Processed at	: Patna Lab II	
Collected at	: RAZA BAZAR -CC RAZA BAZAR SHEIKHPURA SUKH SMRITI APARTM ENT PS-SHASHTRINAGAR Patna MO-9835463985			R K ESTATE opposite IGIMS Raja Bazar Bai Road Patna-800014	

MC-3563

Test Report

Test Name	Results	Units	Bio. Ref. Interval

IMPORTANT INSTRUCTIONS

•Test results released pertain to the specimen submitted.•All test results are dependent on the quality of the sample received by the Laboratory.•Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician .•Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted.•Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting.•Test results may show interlaboratory variations.•The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s).•Test results are not valid for medico legal purposes.•This is computer generated medical diagnostic report that has been validated by Authorized Medical Practitioner/Doctor.•The report does not need physical signature.

(#) Sample drawn from outside source.

If Test results are alarming or unexpected, client is advised to contact the Customer Care immediately for possible remedial action.

Tel: +91-11-49885050,Fax: - +91-11-2788-2134, E-mail: lalpathlabs@lalpathlabs.com