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Rajasthani Diagnostic & Medical Research Centre Jhunjhunu



## RAJASTHANI DIAGNOSTIC & MRI CENTRE

#### FULLY COMPUTERISED PATHOLOGY LABORATORY

MRI

CT SCAN

TMT

SONOGRAPHY

'X-RAY

**ECG** 

MAMOGRAPHY

NAME	ANIL KUMAR SIDHA	AGE-	SEX: M
REF/BY:	BOB HEALTH CHECK UP	DATE	25-Jan-24

#### ULTRASONOGRAPHY WHOLE ABDOMEN

<u>Liver</u>: is normal in size, shape and echotexture. No IHBR dilatation is seen. No focal mass seen. Portal vein and hepatic veins are normal in diameter. Common bile duct is normal in diameter and lumen is clear.

<u>Gall bladder</u>: is normal in size shape, location with echo free lumen. Wall thickness is normal. No echogenic shadow suggestive of calculus is seen. No focal mass or lesion is seen. <u>Pancreas</u>: is normal in size, shape and echotexture. No focal mass or lesion is detected. Pancreatic duct is not dilated.

Rt. Kidney: is normal in size, shape, position and mild bright echotexture. Corticomedullary differentiation is well maintained. No evidence of definite calculus /hydronephrosis is seen.

Lt. Kidney: is normal in size, shape, position and mild bright echotexture. Corticomedullary differentiation is well maintained. No evidence of definite calculus/hydronephrosis is seen.

<u>Spleen</u>: is normal in size, regular in shape and echo texture. No focal lesion is seen. Splenic vessels are normal.

<u>Urinary Bladder</u>: is well distended. Outline of bladder is regular. Wall thickness is normal. No focal mass is seen. No echogenic shadow suggestive of calculus is seen.

<u>Prostate</u>: is enlarged in size 32gm, regular in shape and outline. Capsule is intact.

No evidence of ascites is seen. No significant Lymphadenopathy is seen. No obvious bowel pathology is seen.

#### IMPRESSION:

- ❖ Bilateral MRD grade 1.
- · Prostatomegaly grade 1

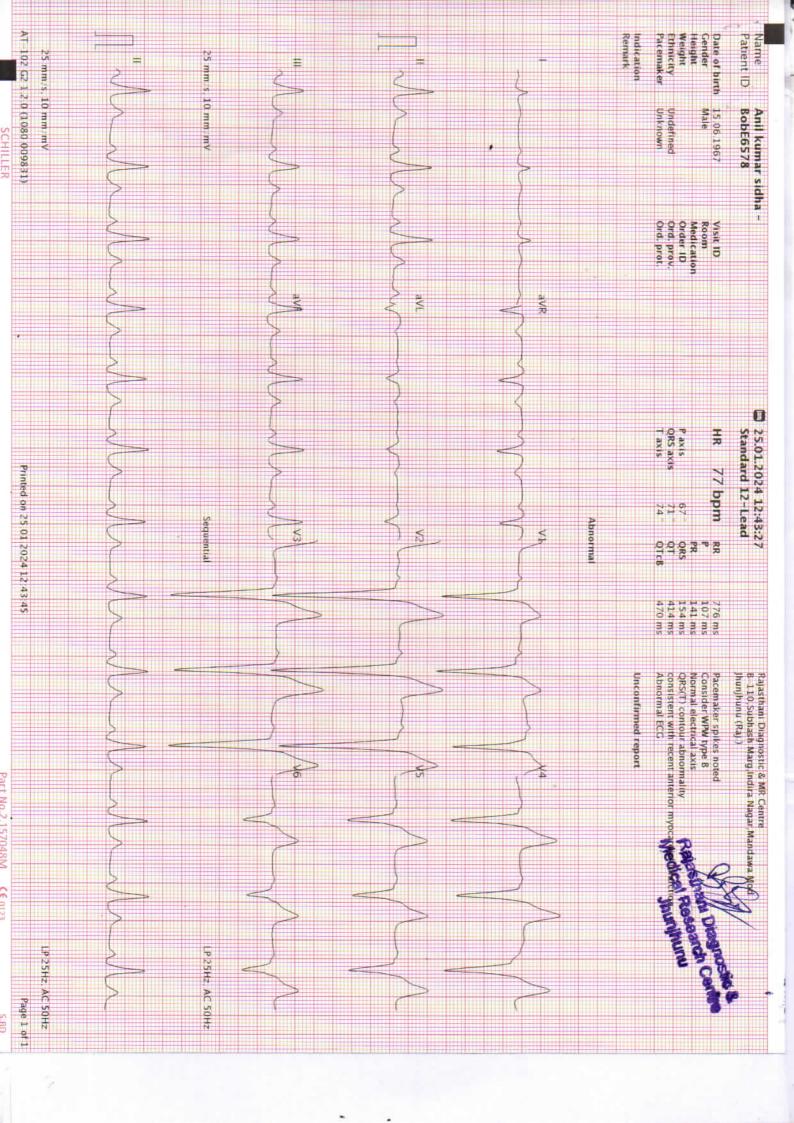
Advised: clinicopathological correlation

DR. UMMED SINGH RATHORE
MD RADIODIAGNOSIS

Dr. Ummed Sing) MD (Radiodiagnosis (RMC.34498/24812







D.I.C. No. 17/17/12 ISO: 15189:2012



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NABL CERTIFICATE NO. MC-5346

NAME : ANIL KUMAR SIDHA	AGE 56 /SEX M
REF.BY :BOB HEALTH CHECK-UP	DATE: 25.01.2024

### X-RAY CHEST PA

- Both lung fields appear normal in under view
- No e/o consolidation or cavitations is seen.
- Both costo-phrenic angles appear clear.
- Cardiac size is within normal limits.
- Both domes of diaphragm appear normal.
- · Bony thoracic cage & soft tissue shadow appear normal.

IMPRESSION :- NORMAL X-RAY CHEST (PA)

DR. ANUSHA MAHALAWAT

MD (RADIODIAGNOSIS)

RMC -38742/25457

Dr. Anusha Mahalawat MD (Radiodiagnosis) (RMC. 38742/25457)





D.I.C. No. 17/17/12



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NABL CERTIFICATE NO. MC-5346

## **Hematology Analysis Report**

First Name: ANIL KUMAR SIDISAmple Type:

Last Name:

Gender:

**13 HGB** 

**14 HCT** 

15 MCV

16 MCH

20 PLT

21 MPV

**22 PDW** 

**23 PCT** 

24 P-LCR

25 P-LCC

17 MCHC

18 RDW-CV

19 RDW-SD

Male

Department:

Med Rec. No .:

Sample ID: 5

Test Time: 25/01/2024 12:30

Diagnosis:

Ag	e:	56 Year				
Parameter			Result		Ref. Range	Unit
1	WBC		18.20	Н	4.00-10.00	10^3/uL
2	Neu%		80.2	H	50.0-70.0	%
3	Lym%		8.9	L	20.0-40.0	%
4	Mon%		9.4		3.0-12.0	%
5	Eos%		1.2		0.5-5.0	%
6	Bas%		0.3		0.0-1.0	%
7	Neu#		14.60	H	2.00-7.00	10^3/uL
8	Lym#		1.62		0.80-4.00	10^3/uL
9	Mon#		1.71	Н	0.12-1.20	10^3/uL
10	Eos#		0.22		0.02-0.50	10^3/uL
11	Bas#		0.05		0.00-0.10	10^3/uL
12	RBC		4.53		3.50-5.50	10^6/uL

45.0

190

11.2

17.3

0.213

46.2

H

11.8 11.0-16.0 g/dL 40.9 37.0-54.0 % 90.3 80.0-100.0 fL 26.1 27.0-34.0 pg 29.0 32.0-36.0 g/dL 12.0 11.0-16.0 %

10^3/uL

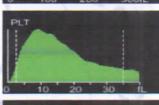
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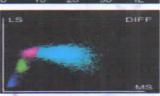
fL

%

%

10<sup>3</sup>/uL









Marcha Khedela Dr. Mamta Khuteta M D. (Path.) RMC No. 4720/16260

35.0-56.0

100-300

6.5-12.0

9.0-17.0 0.108-0.282

11.0-45.0

30-90

Submitter: Draw Time:

Operator: admin Approver: 25/01/2024 12:28 Received Time: 25/01/2024 12:28 Validated Time:

Report Time: 25/01/2024 15:20 Remarks:

\*The Report is responsible for this sample only. If you have any questions, please contact us in 24 hours







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**MEMOGRAPHY** 

Patient Name: ANIL KUMAR SIDH

Sr. No. : 745 Patient ID No.: 1518

: 56 Gender : MALE

Ref. By Dr : MEDI-WHEEL HEALTH CHECKUP

Registered on: 25-01-2024 12:35 PM

Collected On : 25-01-2024 12:35 PM

Received On : 25-01-2024 12:35 PM Reported On : 25-01-2024 03:21 PM

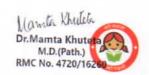
Bar Code LIS Number

### LIPID PROFILE COMPLETE

Test Name		Observed Values	Units	Reference Intervals
Cholesterol (Method: CHOD-PAP)	110;	161.00	mg/dL	Adults- Desirable: <200 Borderline: 200-239 High: >239 Children- Desirable: <170 Borderline: 170-199 High: >199
HDL Cholesterol		59.00	mg/dL	3588
Triglycerides (Method: GPO)		118.00	mg/dL	Recommended triglycerides levels for adults: Normal: <161 High: 161-199 Hypertriglycerdemic: 200-499 Very high:>499
LDL Cholesterol		78.40	mg/dL	0100
VLDL Cholesterol		23.60	mg/dL	035
TC/HDL Cholestrol Ratio		2.73	Ratio	
LDL/HDL Ratio	L	1.33	Ratio	2.55

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#### HAEMATOLOGY

Test Name	Observed Values	Units	Reference Intervals
ESR (Erythrocyte Sedimentation Rate)	5110 10	mm/hr	20
BLOOD GROUPING (ABO & Rh )	A+ Positive	760	







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23-01-2024 0

#### HAEMATOLOGY

### HbA1c(Glycosylated hemoglobin)

Test Name	Observed Values	Units	Reference Intervals
HbA1c(Glycosylated hemoglobín)	5.20	%	< 6.50 Non-Diabetic 6.50 - 7.00 Very Good Control 7.10 - 8.00 Adeqate Control 8.10 - 9.00 Suboptimal Control 9.10 - 10.00 Diabetic Poor Control > 10.00 Very Poor Control
eAG (Estimated Average Glucose)	102.54	mg/dL	i construction of contact
eAG (Estimated Average Glucose)			

Method : Fluorescence Immunoassay Technology

Sample Type: EDTA Blood

Test Performed by:-

Fully Automated (EM 200) ERBA MANNHEIM.

#### Remarks:

Gycosylated Hemoglobin Testing is Recommended for both (a) Checking Blood Sugar Control in People who might be Pre-Diabetic. (b) Monitoring Blood Sugar Control in patients in more elevated levels, termed Diabetes Mellitus. The American Diabetic Association suggests that the Glycosylated Hemoglobin Test be Performed atleast Two Times in Year in Patients with Diabetes that are meeting Treatement Goals (and That have stable glycemic Control) and Quarterly in Patients with Diabetes whos therapy has changed or that are Glycosylated News 11 to

Glycosylated Hemoglobin measurement is not appropriate where there has been change in diet or Treatment within 6 Weeks. Hence people with recent Blood Loss, Hemolytic Aneamia, or Genetic Differences in the Hemoglobin Molecule (Hemoglobinopathy) such as Sickle-cell Disease and other Conditions, as well as those that have donated Blood recently, are not suitable for this Test.

#### **BIO-CHEMISTRY**

Test Name	Observed Values	Units	Reference Intervals
Glucose Fasting (Method GOD-POD)	81.00	mg/dL	Glucose Fasting Cord: 45-96 New born, 1d: 40 -60 New born,>1d: 50-80 Child: 60-100 Adult: 74-100 >60 Y: 82-115 >90 Y: 75-121
Blood Sugar PP  (Method GOD-POD)	108.00	mg/dL ,	Glucose 2 h Postparandial: <120



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T&C: \* This Reports is Bud Yaid Subhaish Marguindira Nagarati hunjhunu (Baich Rho Nor res 55975 1879 4977

\* No part of this report should be reproduced for any purpose. \* Interpret result after considering Age, sex effect of drug and other relevant factor.



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### **BIO-CHEMISTRY** KIDNEY FUNCTION TEST

Test Name	Observed Values	Units	Reference Intervals
Blood Urea ( Method : Urease-GLDH )	23.00	mg/dL	Adults Women < 50 years : 13-40 Women > 50 years : 21-43 Men < 50 years : 19-45 Men > 50 years : 18-55 Children 1-3 years : 11-36 4-13 years : 15-36 13-19 years : 18-45
Creatinine ( Method : Enzymatic Creatininase )	0.86	mg/dL	0.61.30
Calcium	10.52	mg/dL	8.511
Uric Acid ( Method : Uricase-POD )	5.62	mg/dL	2.4-7.2

Units	Reference Intervals
IU/L	15.085.0
	IU/L

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### BIO-CHEMISTRY

### **Liver Function Test**

Test Name	Observed Values	Units	Reference Intervals
		PA	
SGOT/AST(Tech.:-UV Kinetic)	37.00	U/L	540
SGPT/ALT(Tech.:-UV Kinetic)	26.00	U/L	540
Bilirubin(Total) (Method: Diazo)	0.95	mg/dL	Adults: 0-2, Cord < 2 Newborns, premature 0-1 day :1-8, 1-2 days : 6-12, 3-5 days : 10-14 Newborns, full term 0-1 day: 2-6, 1-2 days : 6-10, 3-5 days : 4-8
Bilirubin(Direct)	0.20	mg/dL	00.3
Bilirubin(Indirect)	0.75	mg/dL	0.11.0
Total Protein ( Method : BIURET Method )	7.01 R C	g/dL	Adults: 6.4 - 8.3 Premature 3.6 - 6.0 Newborn: 4.6 - 7.0 1 Week: 4.4 - 7.6 7-12 months 5.1 - 7.3 1-2 Years: 5.6 - 7.5 > 2 Years: 6.0 - 8.0
Albumin	3.98	/	2 reals . 0.0 - 0.0
Globulin(CALCULATION)	3.03	gm/dL	2.5-4.5
A/G Ratio(Tech.:-Calculated)	1.31		1.2 - 2.5
Alkaline Phosphatase(Tech.:-Pnp	238.00	U/L	108-306







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## THYROID HORMONES T3,T4,TSH (THYROID PROFILE)

**Test Name Observed Values** Units Reference Intervals T3 (Total Triiodothyronine) 0.98 ng/ML 0.5 - 1.5 ng/ML T4 (TotalThyroxine) 12.36 µg/dL 4.60-12.50 µg/dL TSH (Thyroid Stimulating Hormone) 0.46 µIU/mL 0.35 -- 5.50 µIU/mL

Sample Type : Serum

Test Performed by:-

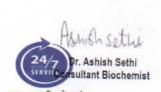
Fully Automated Chemi Luminescent Immuno Assay (ARCHITECT- i1000 PLUS ) Abbott USA

#### Remarks:

Primary malfunction of the Thyroid gland may result in excessive (hyper) or Low (hypo) release of T3 or T4. In additional, as TSH directly affect thyroid function, malfunction of the pituitary or the hypothalamus influences the thyroid gland

Disease in any portion of the thyroid-pituitary-hypothalamus system may influence the level of T3 and T4 in the blood, in Primary Hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels may be low. In addition, in Euthyroid sick syndrome, multiple alterations in serum thyroid function test findings have been

JHUNJHUNU (RA).



Marita Khuleta Dr.Mamta Khuteta M.D.(Path.) RMC No. 4720/162

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#### IMMUNOLOGY

Test Name	Observed Values	Units	Reference Intervals
PSA (Prostate-Specific Antigen)	5110 0.71	A ng/mL	NORMAL 0 - 4.00 Borderline 4 - 10 High More than 10.00

Method: Fluorescence Immunoassay Technology Sample Type: Serum / Plasma / Whole Blood

Test Performed by:-

Fully Automated Chemi Luminescent Immuno Assay (ARCHITECT- i1000 PLUS ) Abbott USA

SUMMARY:-

PSA is localized in the cytoplasm of prostatic ductal epithelium and in secretions of the ductal lumina. Because PSA is a secretory protein of the prostate, it can be recovered and purified both from prostatic tissue and from seminal plasma. PSA has been found to be primarily associated with prostate tissue, and elevated serum PSA has been found in patients with prostate cancer, benign prostatic hypertrophy, and inflammatory conditions. Serum PSA alone is not suitable as a screen for prostate cancer because elevated PSA concen- trations are also observed in patients with benign prostatic hypertrophy (BPH), nor is it recommended as a guide in disease staging. The combination of PSA measurement and reactal examination with ultrasonography in the event of abnormal findings may provide a better method of detecting prostate cancer than rectal examination alone. PSA determinations can be useful in detecting metastatic or persistent disease in patients following surgical or medical treatment of prostate cancer.

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### URINE EXAMINATION URINE COMPLETE

Test Name	Observed Values	Units	Reference Intervals
PHYSICAL	CHE	PA	THE PROPERTY OF THE PARTY OF TH
Quantity	2	ml	
Colour	Pale Yellow	10	
Appearance / Transparency	Clear	1 20	
Specific Gravity	1.025	1 6	
PH	5.0	1	4.56.5
CHEMICAL		/	117.000
Reaction	Acidic		
Albumin	TRACE	1 3	
Urine Sugar	Nil		
MICROSCOPIC	DIO	1-0	
Red Blood Cells	Nil	/h.p.f.	
Pus Cells	35	/h.p.f.	
Epithelial Cells	12	/h.p.f.	
Crystals	JAn. Nil	/h.p.f.	
Casts	TON IN INITION	/h.p.f.	
Bactria	Nil	/h.p.f.	
Others	Nil	/h.p.f.	

Test Name	Observed Values	Units	Reference Intervals
URINE SUGAR FASTING	Nil		reference intervals
URINE SUGAR PP	Nil		

END OF REPORT <<<

>>> Results relate only to the sample as received. Kindly correlate with clinical condition. <<<

Note: This report is not valid for medico legal purposes.



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T&C: \* This Reports iBv4: No. in Stub has be Margnulpsisa Nagarisal Hunitume (Rais) Phys Nour in 1592 16 219 4977