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Rajas nani Diagnostic & Medical Research Centre Jhunjhunu r asthani-Diagnostic & cal Research Centre
Jhunjhunu









RAJASTHANI DIAGNOSTIC & MRI CENTRE

FULLY COMPUTERISED PATHOLOGY LABORATORY

MRI

CT SCAN

TMT

SONOGRAPHY

X-RAY

ECG

MAMOGRAPHY

NAME	BALRAJ SINGH	AGE-	SEX: M
Committee of the Commit	MEDI WHEEL HEALTH CHECKUP	DATE	28-Oct-23

ULTRASONOGRAPHY WHOLE ABDOMEN

<u>Liver</u>: is normal in size, shape and mild bright 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 echotexture. Corticomedullary differentiation is well maintained. No evidence of definite hydronephrosis is seen. 4 mm calculus seen in upper calyx.

Lt. Kidney: is normal in size, shape, position and echotexture. Corticomedullary differentiation is well maintained. No evidence of definite calculus/hydronephrosis is seen. cortical cyst measuring approx 18x17mm seen in upper pole.

<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 mildly enlarged in size30gm, 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. Retroperitoneum including aorta, IVC are unremarkable.

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IMPRESSION:

- · Grade I fatty liver
- right renal calculus
- Mild prostatomegaly.

Advised: clinicopathological correlation

DR. ANUSHA MAHALAWAT
MD RADIODIAGNOSIS

MD (Radiodiagnosis) (RMC. 38742/25457



THIS REPORT IS NOT VALID FOR MEDICO LEGAL PURPOSE

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



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NABL CERTIFICATE NO. MC-5346

Hematology Analysis Report

First Name: BALRAJ SINGH

Last Name: Gender:

Age:

Male

46 Year

Sample Type: Department:

Med Rec. No.:

Sample ID: 13

Test Time: 28/10/2023 11:05

Diagnosis:

Parameter	Result	Ref. Range	Unit	1.9
1 WBC	5.06	4.00-10.00	10^3/uL _	
2 Neu%	63.7	50.0-70.0	%	VBC
3 Lym%	28.9	20.0-40.0	%	
4 Mon%	4.4	3.0-12.0	%	
5 Eos%	2.4	0.5-5.0	%	
6 Bas%	0.6	0.0-1.0	%	
7 Neu#	3.23	2.00-7.00	10^3/uL	COLUMN TWO IS NOT THE OWNER.
8 Lym#	1.46	0.80-4.00	10^3/uL	RBC
9 Mon#	0.22	0.12-1.20	10^3/uL	1 4
10 Eos#	0.12	0.02-0.50	10^3/uL	
11 Bas#	0.03	0.00-0.10	10^3/uL	
12 RBC	3.89 L	4.00-5.50	10^6/uL	100 200 300fL
13 HGB	12.0	12.0-16.0	a/dl	PLT
14 HCT	32.8 L	40.0-54.0	%	
15 MCV	84.3	80.0-100.0	fL	
16 MCH	30.8	27.0-34.0	pg	
17 MCHC	36.5 H	32.0-36.0	g/dL	
18 RDW-CV	13.2	11.0-16.0	%	10 20 30 fL
19 RDW-SD	45.8	35.0-56.0		LS DIFF
20 PLT	185	100-300	10^3/uL	
21 MPV	9.4	6.5-12.0	fL	
22 PDW	11.7	9.0-17.0		
23 PCT	0.174	0.108-0.282	%	MS
24 P-LCR	32.6	11.0-45.0	%	1 / / 0
25 P-LCC	60	30-90	10^3/uL	LS DIFF
*	Dr. M	lamta Khuteta 1 D. (Path.) o.: 4720/16260	hunu	HS DIFF

Submitter: Operator: admin Approver: Draw Time: 28/10/2023 11:05 Received Time: 28/10/2023 11:05 Validated Time: Report Time: 28/10/2023 15:03 Remarks:

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





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NABL CERTIFICATE NO. MC-5346

Laboratory Report

Name

: BALRAJ SINGH

Age .

: 46 Gender

: MALE

Ref. By Dr : BOB HEALTH CHECKUP

Sr. Number

: 74191

Invoice Date

: 28-10-2023 11:16 AM

Invoice Number: 9502

Registration No.: 11722

Sample On: 28-10-2023 11:16 AM Report On: 28-10-2023 03:02 PM

			and I		
Test Name	7	Observed Values	-	Reference Intervals	Units
ESR (Erythrocyte Sedimentation Rate)	Н	30		020	mm/hr
BLOOD GROUPING (ABO & Rh.)	-	B+ Positive		1 20	

HbA1c(Glycosylated hemoglobin)

Test Name	Observed Values	Reference Intervals	Units
HbA1c(Glycosylated hemoglobin)(Tech. :- HPLC (D-10 Bio-Rad))	5.40	< 6.50 Non-Diabetic 6.50 - 7.00 Very Good Control 7.01 - 8.00 Adeqate Control 8.01 - 9.00 Suboptimal Control 9.01 - 10.00 Diabetic Poor Control > 10.00 Very Poor Control	%
eAG (Estimated Average Glucose)(Tech. :- Calculated)	108.28	90 - 120 Very Good Control 121 - 150 Adequate Control 151 - 180 Suboptimal Control 181 - 210 Poor Control > 211 Very Poor Control	mg/dL
eAG (Estimated Average Glucose)	6.01	- 1 / 10 /	mmol/L

Method : Fluorescence Immunoassay Technology(Erba^(R) Mannheim-EM-200)

Sample Type : EDTA Blood

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 not meeting Glycemic Goals.

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.

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RG.: This Reports is Not Valid For Medico Legal Purposes. Identification and name of control our respossibility.

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Marita Khuteta Dr. Mamta Khuteta MAIR (Path

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BIO-CHEMISTRY

Test Name		Observed Values	Reference Intervals	Units
Blood Sugar PP	Н	170.00	70140	mg/dL
Blood Sugar Fasting	Н	129.00	70110	mg/dL
Gamma glutamyl transferase (GGT)		26.8	< 50	U/L

Liver Function Test

Test Name	Observed Values	Reference Intervals	Units
S.G.O.T.	31.00	040	U/L
S.G.P.T.	29.00	040	U/L
Bilirubin(Total)	1.09	0.11.2	mg/dL
Bilirubin(Direct)	0.22	00.3	mg/dL
Bilirubin(Indirect)	0.87	0.11.0	mg/dL
Total Protein	7.08	68	mg/dL
Albumin .	4.01	3.55	mg/dL
Globulin	3.07	34.5	mg/dL
A/G Ratio	1.31	0.5 - 2.65	g/dL
Alkaline Phosphatase	197.00	108306	U/L

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Maruter Khuteta Dr. Mamta Khuteta M.B. (Path.)

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BIO-CHEMISTRY

Kidney Function Test

Test Name	Observed Values	Reference Intervals	Units
BUN (Blood Urea Nitrogen)	20.0	1345	mg/dL
Creatinine	1.02	0.61.4	mg/dL
Uric Acid .	3.96	3.68.2	mg/dL
BUN / Creatinine Ratio	1.81	0.60-3.00	

LIPID PROFILE COMPLETE

Test Name	Observed Values	Reference Intervals	Units
Cholesterol	169.00		mg/dL
HDL Cholesterol	48.00	3570	mg/dL
T,riglycerides	97.00	40170	mg/dL
LDL Cholesterol	101.60	0150	mg/dL
VLDL Cholesterol	19.40	0-35	mg/dL
TC/HDL Cholestrol Ratio	3.52	2.55	Ratio
LDL/HDL Ratio	2.12	1.53.5	Ratio

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Dr. Mamta Khuteta M.D. (Path.)

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MAMOGRAPHY

Name :-Sex / Age :- Mr. BALRAJ SINGH

Doctor :-

Male 46 Yrs **BOB HEALTH**

Client Name :-

RAJASTHANI LAB- JHUNJHNU

Sample Type :-Serum Patient ID / CCL No :-102337629

Sample Collected :- 28/10/2023 Sample Received on:28-10-2023

Report Released on: 28-10-2023

Sumple 17P			
TEST NAME	VALUE	UNIT	REFERENCE RANGE
	TFT	A A	
T3 (TOTAL TRIIODOTHYRONINE) (Tech.:- Chemiluminescence Immunoassay)	130.00	ng/dl	70 - 204
T4 (TOTAL THYROXINE) (Tech.:- Chemiluminescence Immunoassay)	8.04	ug/dl	4.6 - 12.5
TSH. (Ultra Sensitive) (Tech.:- Chemiluminescence Immunoassay)	2.33	uIU/ml	0.52 - 16.00 : 1-30 Days 0.46 - 8.10 : 1 mnt - 5 Yrs.

0.35 - 5.50 : Adults

- 1. Remark Total T3 and T4 values may also be altered in other conditions due to changes in serum proteins or binding sites Pregnancy. Drugs (Androgens, Estrogens, O C pills, Phenytoin) Nephrosis etc.
- 2. Remark Decreased values of T3 (T4 and TSH normal) have minimal clinical significance and not recommended for diagnosis of hypothyroidism. Total T3 and T4 values may also be altered in other conditions due to changes in serum proteins or binding sites Pregnancy, Drugs (Androgens, Estrogens, O C pills, Phenytoin), Nephrosis etc. In such cases Free T3 and Free T4 give corrected values. 3.Total T3 may decrease by <25 percent in healthy older individuals.
- 3. Remark TSH values may be transiently altered because of non-thyroidal illness like severe infections, liver disease, renal and heart failure, severe burns, trauma and surgery etc 2. Drugs that decrease TSH values e.g.: L-dopa, Glucocorticoids Drugs that increase TSH values e.g. lodine, Lithium, and Amiodaron. Three common ways in which there may be inadequate amounts of the thyroid hormone for normal metabolism. Primary hypothyroidism, in which there is a raised TSH and a low T4 and low T3. This is due to failure of the thyroid gland, possibly due to autoantibody disease, possibly due to toxic stress or possibly due to iodine deficiency. The second, the most common cause of thyroid failure, occurs at the pituitary level. In this condition there is inadequate TSH produced from the pituitary and so one tends to see low or normal TSHs, low T4s and variable T3s. This condition is most common in many patients with chronic fatigue syndrome, where there is a general suppression of the hypothalamic-pituitary- adrenal axis. The third type of under-functioning is due to poor conversion of T4 to T3. This requires enzymes and co-factors, in particular selenium, zinc and iron. In this condition there are normal or possibly slightly raised levels of TSH, normal levels of T4 but low levels of T3. This requires micronutrients and also T3 to correct





DR.NIDA FAHMI M.D.S., (Path.)

Reg.No.A-4048

Man Agarwal

DR. Mani Agarwal MD. (Path.) RMC No.5167/15233 DR. ASHISH SETHI



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Name :-

Mr. BALRAJ SINGH

Sex / Age :-

46 Yrs Male **BOB HEALTH**

Doctor :-Client Name :-

RAJASTHANI LAB- JHUNJHNU

Sample Type :-

Serum

Patient ID / CCL No :-102337629

Sample Collected :- 28/10/2023

Sample Received on:28-10-2023

Report Released on: 28-10-2023

Barcode

PSA TOTAL

(PROSTATE SPECIFIC ANTIGEN)

0.14

ng/ml

NORMAL 0 - 4.00 Borderine 4.00 - 10.00

High > 10.00

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 ductal lumina. Because PSA is a the tissue and from seminal plasma. secretory protein of the prostate, it can be recovered and purified both from prostatic associated with prostate tissue, and elevated serum PSA has been found in PSA has been found to be primarily patients with prostate cancer, benign prostatic hypertrophy, and inflammatory conditions. Serum PSA alone is not suitable elevated PSA concen-trations are also observed in patients with as a screen for prostate cancer because it recommended as a guide in disease staging. The combination prostatic hypertrophy (BPH), nor is 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.

End of Report





Technologist

DR.NIDA FAHMI M.D.S., (Path.) Reg.No.A-4048

Man Agarwal

DR. Mani Agarwal MD (Path.) RMC No.5167/15233 DR. ASHISH SETHI Consultant Biochemis

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Laboratory Report

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: BALRAJ SINGH

Age

: 46 Gender

Ref. By Dr : BOB HEALTH CHECKUP

Sr. Number : 74191

Invoice Date : 28-10-2023 11:16 AM

Invoice Number: 9502

Registration No.: 11722 Sample On : 28-10-2023 11:16 AM Report On: 28-10-2023 03:02 PM

URINE EXAMINATION

URINE COMPLETE

Test Name	Observed Values	Reference Intervals	Units
PHYSICAL			Onits
Quantity			ml
Colour	Pale Yellow	1 0	/
Appearance / Transparency	Clear	\ \(\mathcal{O} \)	
Specific Gravity	Q.N.S.	1 0	
PH		4.56.5	
CHEMICAL		(0	
Reaction	Acidic	7	-
Albumin	Trace		
Urine Sugar	Nil		
MICROSCOPIC		1 2 1	
Red Blood Cells	Nil	1 / 50 /	/h.p.f.
Pus Cells	46		/h.p.f.
Epithelial Cells	12	T/ CX /	/h.p.f.
Crystals	Nil	2'/	/h.p.f.
Casts	Nil		/h.p,f.
Bactria	UhunNihum)	0 -/	/h.p.f.
Others	Nil		/h.p.f.

Test Name	Observed Values	Reference Intervals	Units
URINE SUGAR FASTING	Nil		

END OF REPORT

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Marster Khutch Dr. Mamta Khuteta M.IR (Path.) RMC No.: 472 PATHOLOG



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NAME : BALRAJ SINGH	AGE 46 /SEX M		
	± 32 32 32		

REF.BY : BOB HEALTH CHECK UP

DATE: 28.10.2023

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)



