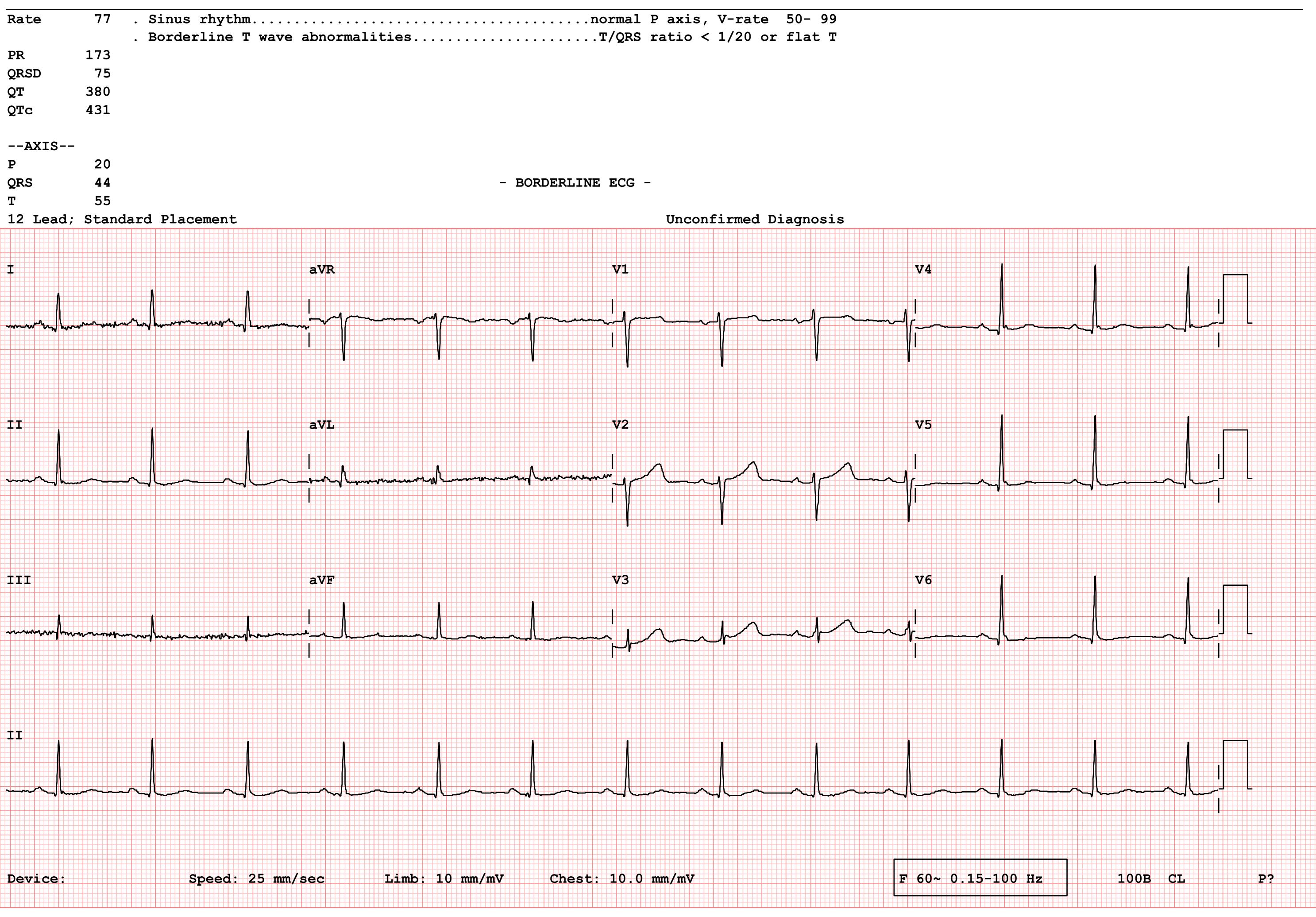
mh010772312

51 Years

mr raj kumar

Male







Registered Office : Sector-6, Dwarka, New Delhi- 110075

Name	MR RAJ KUMAR	Age :	51 Yr(s) Sex :Male
Registration No	MH010773212	Lab No :	31230200481
Patient Episode	H03000052080	Collection Date :	11 Feb 2023 10:36
Referred By Receiving Date	HEALTH CHECK MHD 11 Feb 2023 11:36	Reporting Date :	11 Feb 2023 13:48

Department of Transfusion Medicine (Blood Bank)

BLOOD GROUPING, RH TYPING & ANTIBODY SCREEN (TYPE & SCREEN) Specimen-Blood

Blood Group & Rh Typing (Agglutinaton by gel/tube technique)

Blood Group & Rh typing AB Rh(D) Positive

Antibody Screening (Microtyping in gel cards using reagent red cells) Cell Panel I NEGATIVE Cell Panel II NEGATIVE Cell Panel III NEGATIVE Autocontrol NEGATIVE

Final Antibody Screen Result

Negative

Technical Note:

ABO grouping and Rh typing is done by cell and serum grouping by microplate / gel technique. Antibody screening is done using a 3 cell panel of reagent red cells coated with Rh, Kell, Duffy, Kidd, Lewis, P, MNS, Lutheran and Xg antigens using gel technique.

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Dr Himanshu Lamba





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Name Registration No Patient Episode Referred By Receiving Date	 MR RAJ KUMAR MH010773212 H03000052080 HEALTH CHECK MHD 11 Feb 2023 11:42 	BIOCHEMIS	Lab No Collection Date Reporting Date	
Glycosylated Hem	oglobin		Specimen: EDTA Who	ble blood
HbA1c (Glycosyla	ted Hemoglobin)	10.0 #	As per American Di % Non diabetic adult Prediabetes (At Ri Diagnosing Diabete	lsk)5.7-6.4
Methodology	(HPLC)			
Estimated Avera	ge Glucose (eAG)	240	mg/dl	
		-	-	-
T3 - Triiodothyr T4 - Thyroxine (1 Thyroid Stimulat)		1.31 6.37 12.470 #	micg/dl	[0.70-2.04] [4.60-12.00]).340-4.250]
2-4.a.m.a hormonal affect TS * Referen	s are subject to circad nd at a minimum between fluctuations,Ca or Fe a H results. ces ranges recommended d. 2011 Oct;21(10):1083	n 6-10 pm.Fac supplements,h by the Ameri	tors such as change igh fibre diet,stres can Thyroid Associat	of seasons ss and illness
	Credited Hospital NABL Accredited Hospital NABL Accredited Hospital MC/3228/04/09/2019-03/09/			

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Registered Office : Sector-6, Dwarka, New Delhi- 110075

Name	: MR RAJ KUMAR	Age :	51 Yr(s) Sex :Male
Registration No	: MH010773212	Lab No :	32230204408
Patient Episode	: H03000052080	Collection Date :	11 Feb 2023 10:36
Referred By Receiving Date	HEALTH CHECK MHD11 Feb 2023 11:40	Reporting Date :	11 Feb 2023 13:08

BIOCHEMISTRY

2) http://www.thyroid-info.com/articles/tsh-fluctuating.html

Test Name	Result	Unit	Biological Ref. Interval
Lipid Profile (Serum) TOTAL CHOLESTEROL (CHOD/POD)	194	mg/dl	[<200]
IOTAL CHOLESTEROL (CHOD/FOD)	194	llig/ d1	Moderate risk:200-239
TRIGLYCERIDES (GPO/POD)	157 #	mg/dl	High risk:>240 [<150]
			Borderline high:151-199 High: 200 - 499
HDL - CHOLESTEROL (Direct)	39	mg/dl	Very high:>500 [30-60]
VLDL - Cholesterol (Calculated)	31	mg/dl	[10-40]
LDL- CHOLESTEROL	124 #	mg/dl	[<100]
			Near/Above optimal-100-129 Borderline High:130-159 High Risk:160-189
T.Chol/HDL.Chol ratio	5.0		<4.0 Optimal
			4.0-5.0 Borderline
			>6 High Risk
LDL.CHOL/HDL.CHOL Ratio	3.2		<3 Optimal
			3-4 Borderline
			>6 High Risk

Note:

Reference ranges based on ATP III Classifications. Recommended to do fasting Lipid Profile after a minimum of 8 hours of overnight fasting.

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Registered Office : Sector-6, Dwarka, New Delhi- 110075

Name	:	MR RAJ KUMAR	Age	:	51 Yr(s) Sex :Male
Registration No	:	MH010773212	Lab No	:	32230204408
Patient Episode	:	H03000052080	Collection Dat	e:	11 Feb 2023 10:36
Referred By Receiving Date	:	HEALTH CHECK MHD 11 Feb 2023 11:40	Reporting Dat	te :	11 Feb 2023 13:08

BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Interval
LIVER FUNCTION TEST (Serum)			
BILIRUBIN-TOTAL (mod.J Groff)**	0.75	mg/dl	[0.10-1.20]
BILIRUBIN - DIRECT (mod.J Groff)	0.27 #	mg/dl	[<0.2]
BILIRUBIN - INDIRECT (mod.J Groff)	0.48	mg/dl	[0.20-1.00]
SGOT/ AST (P5P,IFCC)	22.40	IU/L	[5.00-37.00]
SGPT/ ALT (P5P,IFCC)	30.10	IU/L	[10.00-50.00]
ALP (p-NPP,kinetic)*	124	IU/L	[45-135]
TOTAL PROTEIN (mod.Biuret)	7.6	g/dl	[6.0-8.2]
SERUM ALBUMIN (BCG-dye)	4.1	g/dl	[3.5-5.0]
SERUM GLOBULIN (Calculated)	3.5 #	g/dl	[1.8-3.4]
ALB/GLOB (A/G) Ratio	1.17		[1.10-1.80]

Note:

**NEW BORN:Vary according to age (days), body wt & gestation of baby *New born: 4 times the adult value

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Name	: MR RAJ KUMAR	Age :	51 Yr(s) Sex :Male
Registration No	: MH010773212	Lab No :	32230204408
Patient Episode	: H03000052080	Collection Date :	11 Feb 2023 10:36
Referred By Receiving Date	: HEALTH CHECK MHD : 11 Feb 2023 11:40	Reporting Date :	11 Feb 2023 13:08

BIOCHEMISTRY

Test Name	Result	Unit 1	Biological Ref. Interval
KIDNEY PROFILE (Serum)			
BUN (Urease/GLDH)	10.00	mg/dl	[8.00-23.00]
SERUM CREATININE (mod.Jaffe)	0.76 #	mg/dl	[0.80-1.60]
SERUM URIC ACID (mod.Uricase)	6.0	mg/dl	[3.5-7.2]
SERUM CALCIUM (NM-BAPTA)	9.1	mg/dl	[8.6-10.0]
SERUM PHOSPHORUS (Molybdate, UV)	3.6	mg/dl	[2.3-4.7]
SERUM SODIUM (ISE)	134.0	mmol/l	[134.0-145.0]
SERUM POTASSIUM (ISE)	4.57	mmol/l	[3.50-5.20]
SERUM CHLORIDE (ISE / IMT)	100.1	mmol/l	[95.0-105.0]
eGFR	105.6	ml/min/1.73s	q.m [>60.0]
Technical Note			

eGFR which is primarily based on Serum Creatinine is a derivation of CKD-EPI 2009 equation normalized to1.73 sq.m BSA and is not applicable to individuals below 18 years. eGFR tends to be less accurate when Serum Creatinine estimation is indeterminate e.g. patients at extremes of muscle mass, on unusual diets etc. and samples with severe Hemolysis / Icterus / Lipemia.

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Name	: MR RAJ KUMAR	Age :	51 Yr(s) Sex :Male
Registration No	: MH010773212	Lab No :	32230204408
Patient Episode	: H03000052080	Collection Date :	11 Feb 2023 10:36
Referred By Receiving Date	: HEALTH CHECK MHD : 11 Feb 2023 11:40	Reporting Date :	11 Feb 2023 13:08

BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Interval
TOTAL PSA, Serum (ECLIA)	0.366	ng/mL	[<3.500]

Note : PSA is a glycoprotein that is produced by the prostate gland. Normally, very little PSA is secreted in the blood. Increases in glandular size and tissue damage caused by BPH, prostatitis, or prostate cancer may increase circulating PSA levels.

Caution : Serum markers are not specific for malignancy, and values may vary by method.

Immediate PSA testing following digital rectal examination, ejaculation, prostate massage urethral instrumentation, prostate biopsy may increase PSA levels.

Some patients who have been exposed to animal antigens, may have circulating anti-animal antibodies present. These antibodies may interfere with the assay reagents to produce unreliable results.

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Neelan Su

Dr. Neelam Singal CONSULTANT BIOCHEMISTRY





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Name	: MR RAJ KUMAR	Age :	51 Yr(s) Sex :Male
Registration No	: MH010773212	Lab No :	32230204409
Patient Episode	: H03000052080	Collection Date :	11 Feb 2023 16:31
Referred By Receiving Date	: HEALTH CHECK MHD : 11 Feb 2023 17:01	Reporting Date :	11 Feb 2023 20:30

BIOCHEMISTRY

Specimen Type : Serum/Plasma PLASMA GLUCOSE - PP

Plasma GLUCOSE - PP	(Hexokinase)	371 #	mg/dl	[70-140]
---------------------	--------------	-------	-------	----------

Note : Conditions which can lead to lower postprandial glucose levels as compared to fasting glucose are excessive insulin release, rapid gastric emptying, brisk glucose absorption , post exercise

Specimen Type : Serum/Plasma

Plasma GLUCOSE-Fasting (Hexok:	inase) 232	# mg/dl	[70-100]	
			P	age7 of 11

-----END OF REPORT------

Neefam \$

Dr. Neelam Singal CONSULTANT BIOCHEMISTRY





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Registered Office : Sector-6, Dwarka, New Delhi- 110075

Name	: MR RAJ KUMAR	Age :	51 Yr(s) Sex :Male
Registration No	: MH010773212	Lab No :	33230202649
Patient Episode	: H03000052080	Collection Date :	11 Feb 2023 10:36
Referred By Receiving Date	: HEALTH CHECK MHD : 11 Feb 2023 11:25	Reporting Date :	11 Feb 2023 13:41

HAEMATOLOGY

ERYTHROCYTE SEDIMENTATION RATE (Automated) Specimen-Whole Blood

Е	SR

23.0 # /1sthour [0.0 - 12.0]

Interpretation :

Erythrocyte sedimentation rate (ESR) is a non-specific phenomena and is clinically useful in the diagnosis and monitoring of disorders associated with an increased production of acute phase reactants (e.g. pyogenic infections, inflammation and malignancies). The ESR is increased in pregnancy from about the 3rd month and returns to normal by the 4th week postpartum.

ESR is influenced by age, sex, menstrual cycle and drugs (eg. corticosteroids, contraceptives).

It is especially low (0 -1mm) in polycythemia, hypofibrinogenemia or congestive cardiac failure and when there are abnormalities of the red cells such as poikilocytosis, spherocytosis or sickle cells.

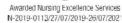
Test Name	Result	Unit Bi	ological Ref. Interval
COMPLETE BLOOD COUNT (EDTA Blood)			
WBC Count (Flow cytometry)	6710	/cu.mm	[4000-10000]
RBC Count (Impedence)	4.33 #	million/cu.mm	[4.50-5.50]
Haemoglobin (SLS Method)	15.5	g/dL	[13.0-17.0]
Haematocrit (PCV)	44.3	00	[40.0-50.0]
(RBC Pulse Height Detector Method)			
MCV (Calculated)	102.3 #	fL	[83.0-101.0]
MCH (Calculated)	35.8 #	pg	[25.0-32.0]
MCHC (Calculated)	35.0 #	g/dL	[31.5-34.5]
Platelet Count (Impedence)	108000 #	/cu.mm	[150000-410000]
RDW-CV (Calculated)	13.2	00	[11.6-14.0]
DIFFERENTIAL COUNT			
Neutrophils (Flowcytometry)	73.6	00	[40.0-80.0]

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Name	: MR RAJ KUMAR	Age :	51 Yr(s) Sex :Male
Registration No	: MH010773212	Lab No :	33230202649
Patient Episode	: H03000052080	Collection Date :	11 Feb 2023 10:36
Referred By Receiving Date	: HEALTH CHECK MHD : 11 Feb 2023 11:25	Reporting Date :	11 Feb 2023 12:42

	HAEMATOLOGY		
Lymphocytes (Flowcytometry)	15.4 #	8	[20.0-40.0]
Monocytes (Flowcytometry)	8.3	90	[2.0-10.0]
Eosinophils (Flowcytometry)	2.1	00	[1.0-6.0]
Basophils (Flowcytometry)	0.6 #	8	[1.0-2.0]
IG	0.10	90	
		x10 ³	

Complete Blood Count is used to evaluate wide range of health disorders, including anemia, infection, and leukemia. Abnormal increase or decrease in cell counts as revealed may indicate that an underlying medical condition that calls for further evaluation.

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-----END OF REPORT-----

Dr.Lakshita singh





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Registered Office : Sector-6, Dwarka, New Delhi- 110075

Name	:	MR RAJ KUMAR	Age	:	51 Yr(s) Sex :Male
Registration No	:	MH010773212	Lab No	:	38230200710
Patient Episode	:	H03000052080	Collection Dat	e:	11 Feb 2023 10:37
Referred By Receiving Date	: :	HEALTH CHECK MHD 11 Feb 2023 11:57	Reporting Dat	e:	11 Feb 2023 13:55

CLINICAL PATHOLOGY

Test Name	Result	Biological Ref. Interval
ROUTINE URINE ANALYSIS		
MACROSCOPIC DESCRIPTION		
Colour (Visual)	PALE YELLOW	(Pale Yellow - Yellow)
Appearance (Visual)	CLEAR	
CHEMICAL EXAMINATION		
Reaction[pH]	5.0	(5.0-9.0)
(Reflectancephotometry(Indicator Metho	od))	
Specific Gravity	1.020	(1.003-1.035)
(Reflectancephotometry(Indicator Metho	od))	
Bilirubin	Negative	NEGATIVE
Protein/Albumin	PRESENT TRACE	(NEGATIVE-TRACE)
(Reflectance photometry(Indicator Meth	nod)/Manual SSA)	
Glucose	DETECTED +	(NEGATIVE)
(Reflectance photometry (GOD-POD/Bened	lict Method))	
Ketone Bodies	NOT DETECTED	(NEGATIVE)
(Reflectance photometry(Legal's Test),	'Manual Rotheras)	
Urobilinogen	NORMAL	(NORMAL)
Reflactance photometry/Diazonium salt	reaction	
Nitrite	NEGATIVE	NEGATIVE
Reflactance photometry/Griess test		
Leukocytes	+	NEGATIVE
Reflactance photometry/Action of Ester	rase	
BLOOD	NIL	NEGATIVE
(Reflectance photometry(peroxidase))		
MICROSCOPIC EXAMINATION (Manual) Me	thod: Light microscopy on	centrifuged urine
WBC/Pus Cells	4-6 /hpf	(4-6)
Red Blood Cells	NIL	(1-2)
Epithelial Cells	2-4 /hpf	(2-4)
Casts	NIL	(NIL)
Crystals	NIL	(NIL)
Bacteria	NIL	
Yeast cells	NIL	

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Name	:	MR RAJ KUMAR	Age	:	51 Yr(s) Sex :Male
Registration No	:	MH010773212	Lab No	:	38230200710
Patient Episode	:	H03000052080	Collection Date	e :	11 Feb 2023 10:37
Referred By Receiving Date	: :	HEALTH CHECK MHD 11 Feb 2023 11:57	Reporting Date	e :	11 Feb 2023 13:55

CLINICAL PATHOLOGY

Interpretation:

 $\ensuremath{\mathsf{URINALYSIS}}\xspace$ Routine urine analysis assists in screening and diagnosis of various metabolic , urological, kidney and liver disorders

Protein: Elevated proteins can be an early sign of kidney disease. Urinary protein excretion can also be temporarily elevated by strenuous exercise, orthostatic proteinuria, dehydration, urina tract infections and acute illness with fever

Glucose: Uncontrolled diabetes mellitus can lead to presence of glucose in urine.

Other causes include pregnancy, hormonal disturbances, liver disease and certain medications.

Ketones: Uncontrolled diabetes mellitus can lead to presence of ketones in urine.

Ketones can also be seen in starvation, frequent vomiting, pregnancy and strenuous exercise.

Blood: Occult blood can occur in urine as intact erythrocytes or haemoglobin, which can occur in various urological, nephrological and bleeding disorders.

Leukocytes: An increase in leukocytes is an indication of inflammation in urinary tract or kidneys Most Common cause is bacterial urinary tract infection.

Nitrite: Many bacteria give positive results when their number is high. Nitrite concentration duri infection increases with length of time the urine specimen is retained in bladder prior to collection.

pH: The kidneys play an important role in maintaining acid base balance of the body. Conditions of the body producing acidosis/alkalosis or ingestion of certain type of food can affect the pH of urine.

Specific gravity: Specific gravity gives an indication of how concentrated the urine is. Increased Specific gravity is seen in conditions like dehydration, glycosuria and proteinuria while decrease Specific gravity is seen in excessive fluid intake, renal failure and diabetes insipidus. Bilirubin: In certain liver diseases such as biliary obstruction or hepatitis,

bilirubin gets excreted in urine.

Urobilinogen: Positive results are seen in liver diseases like hepatitis and cirrhosis and in case of hemolytic anemia.

	END 0	F REPORT		
Dr.Lakshita singh				
		_		
				ISO 500 BUREAU VERITAS Centification
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M		Hospital No: Episode No:	MH010773212 H03000052080	
		Result Dale:	13 Feb 2023 13:15	
st				
Nil	l			
			MPHR 85% OF MPHR METS %of MPHR achieved	169 143 13.40 85%
	BP (mmHg)	ECG(ST/T	changes/arrhythmia)	Sympton
88	120/80	No ST-T ch	nanges	Nil
104	130/80	No ST-T ch	anges	Nil
114	140/80	No ST-T ch	anges	Nil
129	150/80	No ST-T ch	anges	Nil
E	MHD tt EST REPORT Nil Nil Bruce 10 Minutes 2 THR achieved 142 Heart rate (bpm) 88 104 114	MHD tt EST REPORT (TMT) Nil Nil Bruce 10 Minutes 20 sec THR achieved 142 Heart rate BP (mmHg) (bpm) 88 120/80 104 130/80 114 140/80	M Episode No: MHD Result Date: t EST REPORT (TMT) Nil Nil Bruce 10 Minutes 20 sec THR achieved 142 Heart rate BP (mmHg) ECG(ST/T (bpm) 88 120/80 No ST-T ch 104 130/80 No ST-T ch 114 140/80 No ST-T ch	M Episode No: H03000052080 MHD Result Date: 13 Feb 2023 13:15 t EST REPORT (TMT) Nil Bruce 10 Minutes 20 sec THR achieved 142 MPHR METS %of MPHR METS %of MPHR achieved METS %of MPHR achieved 142 METS %of MPHR achieved 142 METS %of MPHR achieved 142 METS %of MPHR achieved No ST-T changes 104 13,15 MPHR METS %of MPHR achieved No ST-T changes 104 13,15 MPHR METS %of MPHR achieved No ST-T changes 144 No ST-T changes

No ST-T changes

No ST-T changes

Nil

Nil

Recovery 3.00 Result:

Stage IV

• Normal heart rate and BP response

1.20

• No significant ST-T changes were seen during exercise or recovery period.

160/80

140/80

• No symptomatic of angina/ chest pain during the test

142

109

• No significant arrhythmia during the test

FINAL IMPRESSION.

- Exercise stress test is **Negative** for reversible myocardial Ischemia.
- Excellent effort tolerance.

Name:**RAJ KUMAR**Age:51Sex:MDoctor:Health Check MHDOrder:Tread Mill Test

Hospital No: Episode No: Result Date:

MH010773212 H03000052080 13 Feb 2023 13:15

DR. SAMANJOY MUKHERJEE MD, DM CONSULTANT CARDIOLOGIST DR. (MAJ) J S KHATRI MBBS, PGDCC, FNIC SPECIALIST (NON-INVASIVE CARDIOLOGY)

> Dr Samanjoy Mukherjee ASSOCIATE CONSULTANT

Name:	RAJ KUMAR	Hospital No:	MH010773212
Age: 5	1 Sex: M	Episode No:	H03000052080
Doctor:	Health Check MHD	Result Date:	11 Feb 2023 14:26
Order:	Ultrasound abdomen n pelvis		

USG WHOLE ABDOMEN

Results:

Liver is normal in size measuring ~12 cm and **shows mildly altered echotexture with prominent caudate lobe.** No focal intra-hepatic lesion is detected. Intra-hepatic biliary radicals are not dilated. **Portal vein is dilated and measures ~14 mm in diameter.**

Gall bladder appears echofree with normal wall thickness. Common bile duct is normal in calibre.

Pancreas is obscured by bowel gases.

Spleen is enlarged in size measuring ~14.1 cm and shows normal echopattern.

Both kidneys are normal in position, size and outline. Cortico-medullary differentiation of both kidneys is maintained. Central sinus echoes are compact. No focal lesion or calculus seen. Bilateral pelvicalyceal systems are not dilated.

Urinary bladder is partially distended.

Prostate is normal in shape and echopattern. It measures ~22.6 cc in volume.

No significant free fluid is detected.

IMPRESSION:

- Mildly altered echotexture of liver with prominent caudate lobe (Advice :- LFT/ fibroscan correlation to rule out liver parenchymal disease).
- Dilated portal vein.
- Splenomegaly.

Suggested clinical correlation.

Dr. ABHINAV PRATAP SINGH

Name:	RAJ KUMAR	Hospital No:	MH010773212
Age: 5	1 Sex: M	Episode No:	H03000052080
Doctor:	Health Check MHD	Result Date:	11 Feb 2023 14:26
Order:	Order: Ultrasound abdomen n pelvis		

ASSOCIATE CONSULTANT

NAME	Raj KUMAR	STUDY DATE	11-02-2023 11:14:27
AGE / SEX	051Yrs / M	HOSPITAL NO.	MH010773212
REFERRING DEPT	OPD	MODALITY/Procedure	CR /Xray chest PA (CXR)
		Description	
REPORTED ON	11-02-2023 14:35:10	REFERRED BY	Dr. Health Check MHD

X-RAY CHEST - PA VIEW

Findings:

Visualized lung fields appear clear.

Both hilar shadows appear normal.

Cardiothoracic ratio is within normal limits.

Both hemidiaphragmatic outlines appear normal.

Both costophrenic angles are clear.

Kindly correlate clinically

Dr. Nipun Gumber MD, DMC No. 90272 Associate Consultant

N.B. : This is only a professional opinion and not the final diagnosis. Radiological investigations are subject to variations due to technical limitations. Hence, correlation with clinical findings and other investigations should be carried out to know true nature of illness.

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