

CONCLUSION OF HEALTH CHECKUP

ECU Number	: 3254	MR Number	: 23206336	Patient Name	: ABHAYA THAPLIYAL
Age	: 34	Sex	: Male	Height	: null
Weight	: null	Ideal Weight	: null	BMI	: null
Date	: 13/05/2023				

Dr. Manish Mittal

Internal Medicine

Note : General Physical Examination & routine Investigations included in the Health Checkup have certain limitations and may not be able to detect all the latent and asymptomatic diseases.

ECU Number : 3254 MR Number : 23206336 Patient Name: ABHAYA THAPLIYAL
Age : 34 Sex : Male Height : null
Weight : null Ideal Weight : null BMI : null
Date : 13/05/2023

Past H/O : NO P/H/O ANY MAJOR ILLNESS

Present H/O : NO MEDICAL COMPLAIN AT PRESENT

Family H/O : FATHER AND MOTHER:- HYPERTENSION

Habits : NO HABITS

Gen.Exam. : G.C.GOOD

B.P : 132/70 mm HG

Pulse : 76/MIN REG

Others : SPO2-98%

C.V.S : NAD

R.S. : NAD

Abdomen : NP

Spleen : NP

Skin : NAD

C.N.S : NAD

Advice :



Patient Name : Mr. ABHAYA THAPLIYAL
 Gender / Age : Male / 34 Years 1 Months 14 Days
 MR No / Bill No. : 23206336 / 241009932
 Consultant : Dr. Manish Mittal
 Location : OPD

Type : OPD
 Request No. : 128302
 Request Date : 13/05/2023 10:29 AM
 Collection Date : 13/05/2023 10:47 AM
 Approval Date : 13/05/2023 01:34 PM

CBC + ESR

Test	Result	Units	Biological Ref. Range
Haemoglobin.			
Haemoglobin	15.0	gm/dL	13 - 17
Red Blood Cell Count (T-RBC)	5.40	mill/cmm	4.5 - 5.5
Hematocrit (HCT)	44.2	%	40 - 50
Mean Corpuscular Volume (MCV)	81.9	fl	83 - 101
Mean Corpuscular Haemoglobin (MCH)	27.8	pg	27 - 32
MCH Concentration (MCHC)	33.9	%	31.5 - 34.5
Red Cell Distribution Width (RDW-CV)	13.4	%	11.6 - 14
Red Cell Distribution Width (RDW-SD)	40.5	fl	39 - 46
Total Leucocyte Count (TLC)			
Total Leucocyte Count (TLC)	7.34	thou/cmm	4 - 10
Differential Leucocyte Count			
Polymorphs	68	%	40 - 80
Lymphocytes	25	%	20 - 40
Eosinophils	2	%	1 - 6
Monocytes	5	%	2 - 10
Basophils	0	%	0 - 2
Polymorphs (Abs. Value)	4.97	thou/cmm	2 - 7
Lymphocytes (Abs. Value)	1.82	thou/cmm	1 - 3
Eosinophils (Abs. Value)	0.13	thou/cmm	0.2 - 0.5
Monocytes (Abs. Value)	0.32	thou/cmm	0.2 - 1
Basophils (Abs. Value)	0.10	thou/cmm	0.02 - 0.1
Immature Granulocytes	0.1	%	1 - 3 : Borderline > 3 : Significant
Platelet Count			
Platelet Count	282	thou/cmm	150 - 410
Smear evaluation	Adequate		
ESR	1	mm/1 hr	0 - 10

Test Results are dependent on a number of variables & technical limitations. Hence, it is advised to correlate with clinical findings and other related investigations before any firm opinion is made. Recheck / repeat may be requested.

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DEPARTMENT OF LABORATORY MEDICINE

Patient Name : Mr. ABHAYA THAPLIYAL
Gender / Age : Male / 34 Years 1 Months 14 Days
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Immature Granulocyte (IG) count is a useful early marker of infection or inflammation, even when other markers are normal. It is an early and rapid discrimination of bacterial from viral infections. It is also increased in patients on steroid therapy / chemotherapy or haematological malignancy. High IG is always pathological; except in pregnancy and neonates of < 7 days.
Method : HB by Non-Cyanide Hemoglobin analysis method. HCT by RBC pulse height detection method. RBC, TLC & PLC are by Particle Count by Electrical Impedance in Cell Counter. Optical Platelets by Fluorescent + Laser Technology. MCV, MCH, MCHC, RDW (CV & SD) are calculated parameter. DLC by Flowcytometry method using semi-conductor Laser+Smear verification. ESR on Westergrens method, comparable to Westergrens method and in accordance to ICSH reference method.

--- End of Report ---

Dr. Rakesh Vaidya
Approved By Dr. Ameer Soni

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Gender / Age	: Male / 34 Years 1 Months 14 Days	Request No.	: 128302
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Haematology

<u>Test</u>	<u>Result</u>	<u>Units</u>	<u>Biological Ref. Range</u>
Blood Group			
ABO system	B		
Rh system.	Positive		

By Gel Technology / Tube Agglutination Method

Note :

- This blood group has been done with new sensitive Gel Technology using both Forward and Reverse Grouping Card with Autocontrol.
- This method check's group both on Red blood cells and in Serum for "ABO" group.

--- End of Report ---

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Fasting Plasma Glucose

Test	Result	Units	Biological Ref. Range
Fasting Plasma Glucose	95	mg/dL	70 - 110
Post Prandial 2 Hr. Plasma Glucose	118	mg/dL	70 - 140

Hexokinase method on RXL Dade Dimension

---- End of Report ----

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HbA1c (Glycosylated Hb)

Test	Result	Units	Biological Ref. Range
HbA1c (Glycosylated Hb)			
Glycosylated Heamoglobin (HbA1c)	5.6	%	
estimated Average Glucose (e AG) *	114.02	mg/dL	

(Method:

By Automated HPLC analyser on D-10 Biorad. NGSP Certified, US-FDA approved, Traceable to IFCC reference method.

* Calculated valued for past 60 days, derived from HbA1c %, based on formula recommended by the A1c - Derived Average Glucose study from ADA and EASD funded The ADAG trial.

Guidelines for Interpretation:

Indicated Glycemic control of previous 2-3 months

HbA1c%	e AG (mg/dl)	Glycemic control
> 8	> 183	Action suggested...High risk of developing long-term complications. Action suggested, depends on individual patient circumstances
7 - 8	154 - 183	Good
< 7	< 154	Goal...Some danger of hypoglycemic reaction in type I Diabetics. Some Glucose intolerant individuals and Sub-Clinical diabetics may demonstrate (elevated) HbA1c in this area.
6 - 7	126 - 154	Near Normal
< 6	< 126	Nondiabetic level)

--- End of Report ---

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Renal Function Test (RFT)

Test	Result	Units	Biological Ref. Range
Urea (By Urease Kinetic method on RXL Dade Dimension)	25	mg/dL	10 - 45
Creatinine (By Modified Kinetic Jaffe Technique)	0.81	mg/dL	0.9 - 1.3
Estimate Glomerular Filtration rate (Ref. range : > 60 ml/min for adults between age group of 18 to 70 yrs. EGFR Calculated by IDMS Traceable MDRD Study equation. Reporting of eGFR can help facilitate early detection of CKD. By Modified Kinetic Jaffe Technique)	More than 60		
Uric acid (By Uricase / Catalase method on RXL Siemens)	5.3	mg/dL	3.4 - 7.2

--- End of Report ---

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Complete Lipid Profile

Test	Result	Units	Biological Ref. Range
Complete Lipid Profile			
Appearance	Clear		
Triglycerides	96	mg/dL	1 - 150
<i>(By Lipase / Glycerol dehydrogenase on RXL Dade Dimension)</i>			
<i>< 150 Normal</i>			
<i>150-199 Borderline High</i>			
<i>200-499 High</i>			
<i>> 499 Very High</i>			
Total Cholesterol	182	mg/dL	1 - 200
<i>(By enzymatic colorimetric method on RXL Dade Dimension)</i>			
<i><200 mg/dL - Desirable</i>			
<i>200-239 mg/dL - Borderline High</i>			
<i>> 239 mg/dL - High</i>			
HDL Cholesterol	43	mg/dL	40 - 60
<i>(By Direct homogenous technique, modified enzymatic non-immunological method on RXL Dade Dimension)</i>			
<i>< 40 Low</i>			
<i>> 60 High</i>			
Non HDL Cholesterol (calculated)	139	mg/dL	1 - 130
<i>(Non- HDL Cholesterol)</i>			
<i>< 130 Desirable</i>			
<i>139-159 Borderline High</i>			
<i>160-189 High</i>			
<i>> 191 Very High</i>			
LDL Cholesterol	112	mg/dL	1 - 100
<i>(By Direct homogenous technique, modified enzymatic non-immunological method on RXL Dade Dimension)</i>			
<i>< 100 Optimal</i>			
<i>100-129 Near / above optimal</i>			
<i>130-159 Borderline High</i>			
<i>160-189 High</i>			
<i>> 189 Very High</i>			
VLDL Cholesterol (calculated)	19.2	mg/dL	12 - 30
LDL Ch. / HDL Ch. Ratio	2.6		2.1 - 3.5
T. Ch./HDL Ch. Ratio	4.23		3.5 - 5
<i>(Recent NECP / ATP III Guidelines / Classification (mg/dl) :)</i>			

--- End of Report ---

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Liver Function Test (LFT)

Test	Result	Units	Biological Ref. Range
Bilirubin			
Bilirubin - Total	0.54	mg/dL	0 - 1
Bilirubin - Direct	0.12	mg/dL	0 - 0.3
Bilirubin - Indirect	0.42	mg/dL	0 - 0.7
<i>(By Diazotized sulfanilic acid on RXL Dade Dimension.)</i>			
Aspartate Aminotransferase (SGOT/AST)	30	U/L	15 - 40
<i>(By IFCC UV kinetic method on RXL Dade Dimension.)</i>			
Alanine Aminotransferase (SGPT/ALT)	56	U/L	16 - 63
<i>(By IFCC UV kinetic method on RXL Dade Dimension.)</i>			
Alkaline Phosphatase	76	U/L	53 - 128
<i>(BY PNPP AMP method on RXL Dade Dimension.)</i>			
Gamma Glutamyl Transferase (GGT)	47	U/L	15 - 85
<i>(By IFCC method on RXL Dade Dimension.)</i>			
Total Protein			
Total Proteins	7.73	gm/dL	6.4 - 8.2
Albumin	4.11	gm/dL	3.4 - 5
Globulin	3.62	gm/dL	3 - 3.2
A : G Ratio	1.14		1.1 - 1.6
<i>(By Biuret endpoint and Bromocresol purple method on RXL Dade Dimesion.)</i>			

--- End of Report ---

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Prostate Sp. (Antigen)

Test	Result	Units	Biological Ref. Range
Total PSA	0.466	ng/ml	0 - 4

(Method : Done by 4th generation electrochemiluminescence based method on automated immunoassay / Cobas e 411.)

Remark :

Age related reference range for interpretation :

< 40 yrs : 0.21 - 1.72

40 - 49 yrs : 0.27 - 2.19

50 - 59 yrs : 0.27 - 3.42

60 - 69 yrs : 0.27 - 6.16

>69 yrs : 0.21 - 6.77

TPSA may be raised usually mildly in benign prostatic conditions like hyperplasia. Typically 30 % of BPH may show values between 4-10 and 7 % between 10-40.

In Prostatic Malignancy 43 % show values below 4

21 % between 4 to 10

20 % between 10 to 40 &

16 % above 40)

---- End of Report ----

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 Approval Date : 13/05/2023 04:22 PM

Thyroid Hormone Study

Test	Result	Units	Biological Ref. Range
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Triiodothyronine (T3)	1.28	ng/ml	
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(Done by 4th generation electrochemiluminescence based method on automated immunoassay / Cobas e 411.

Reference interval (ng/ml)

1 - 3 days : 0.1 - 7.4
 1-11 months : 0.1 - 2.45
 1-5 years : 0.1 - 2.7
 6-10 years : 0.9 - 2.4
 11-15 years : 0.8 - 2.1
 16-20 years : 0.8 - 2.1
 Adults (20 - 50 years) : 0.7 - 2.0
 Adults (> 50 years) : 0.4 - 1.8
 Pregnancy (In last 5 months) : 1.2 - 2.5

(Reference : Tietz - Clinical guide to laboratory test, 4th edition))

Thyroxine (T4)	7.25	mcg/dL	
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(Done by 4th generation electrochemiluminescence based method on automated immunoassay / Cobas e 411.

Reference interval (mcg/dL)

1 - 3 days : 11.8 - 22.6
 1-2 weeks : 9.8 - 16.6
 1-4 months : 7.2 - 14.4
 4 - 12 months : 7.8 - 16.5
 1-5 years : 7.3 - 15.0
 5 - 10 years : 6.4 - 13.3
 10 - 20 years : 5.6 - 11.7
 Adults / male : 4.6 - 10.5
 Adults / female : 5.5 - 11.0
 Adults (> 60 years) : 5.0 - 10.7

(Reference : Tietz - Clinical guide to laboratory test, 4th edition))

Thyroid Stimulating Hormone (US-TSH)	2.98	microIU/ml	
--------------------------------------	------	------------	--

(Done by 4th generation electrochemiluminescence based method on automated immunoassay / Cobas e 411.

Reference interval (microIU/ml)

Infants (1-4 days) : 1.0 - 39
 2-20 weeks : 1.7 - 9.1
 5 months - 20 years : 0.7 - 6.4
 Adults (21 - 54 years) : 0.4 - 4.2
 Adults (> 55 years) : 0.5 - 8.9
 Pregnancy :
 1st trimester : 0.3 - 4.5
 2nd trimester : 0.5 - 4.6
 3rd trimester : 0.8 - 5.2

(Reference : Tietz - Clinical guide to laboratory test, 4th edition))

--- End of Report ---

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Urine routine analysis (Auto)

Test	Result	Units	Biological Ref. Range
Physical Examination			
Quantity	30	mL	
Colour	Pale Yellow		
Appearance	Clear		
Chemical Examination (By Reagent strip method)			
pH	5.5		
Specific Gravity	>=1.030		
Protein	Negative	gm/dL	0 - 5
Glucose	Negative	mg/dL	0 - 5
Ketones	Negative		0 - 5
Bilirubin	Negative		Negative
Urobilinogen	Negative		Negative (upto 1)
Blood	Negative		Negative
Leucocytes	Negative		Negative
Nitrite	Negative		Negative
Microscopic Examination (by Microscopy after Centrifugation at 2000 rpm for 10 min or on fully automated Sysmex urine sedimentation analyzer UF4000)			
Red Blood Cells	0 - 1	/hpf	0 - 2
Leucocytes	0 - 1	/hpf	0 - 5
Epithelial Cells	0 - 1	/hpf	0 - 5
Casts	Nil	/lpf	Nil
Crystals	Nil	/hpf	Nil
Mucus	Absent	/hpf	Absent
Organism	Absent		

---- End of Report ----

Dr. Rakesh Vaidya
 Approved By Dr. Ameet Soni

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- Foetal Echocardiography
- Echocardiography

Patient No. : 23206336 Report Date : 13/05/2023
 Request No. : 190064130 13/05/2023 10.29 AM
 Patient Name : Mr. ABHAYA THAPLIYAL
 Gender / Age : Male / 34 Years 1 Months 14 Days

USG : Screening for Abdomen (excluding Pelvis) Or Upper Abdomen

Liver is normal in size and shows increased in echo pattern. No mass lesion identified. The hepatic veins are clear and patent. PV patent. No dilated IHBR. Grade I. Gall bladder is well distended and shows no obvious abnormality. Common bile duct measures 3.5 mm in diameter. Pancreas shows no obvious abnormality. Tail obscured. Spleen is normal size and echo pattern.

Both kidneys are normal in shape and position. Normal echogenicity and cortico medullary differentiation is noted. No hydronephrosis or mass lesion seen.

	RIGHT	LEFT
Renal length :	101 mm.	117 mm.
A.P. :	56 mm.	52 mm.

Prostate appears normal in size and volume is ~ 15cc.
 Urinary bladder is minimally distended and appears normal.
 No ascites.

COMMENT:

Fatty liver.

Kindly correlate clinically

• ULTRA SONOGRAPHY CANNOT DETECT ALL ABNORMALITIES
 • NOT VALID FOR MEDICO-LEGAL PURPOSES
 • CLINICAL CORRELATION RECOMMENDED

Dr. Priyanka Patel, MD
Consultant Radiologist



H-2015-0297

MC-3004

E-2021-0037



Patient No. : 23206336 Report Date : 13/05/2023
Request No. : 190064144 13/05/2023 10.29 AM
Patient Name : Mr. ABHAYA THAPLIYAL
Gender / Age : Male / 34 Years 1 Months 14 Days

Echo Color Doppler

MITRAL VALVE : NORMAL
AORTIC VALVE : TRILEAFLET, NORMAL
TRICUSPID VALVE : NORMAL
PULMONARY VALVE : NORMAL
LEFT ATRIUM : NORMAL
AORTA : NORMAL
LEFT VENTRICLE : NORMAL, NO REGIONAL WALL MOTION ABNORMALITY,
LVEF=60%
RIGHT ATRIUM : NORMAL
RIGHT VENTRICLE : NORMAL
I.V.S. : INTACT
I.A.S. : INTACT
PULMONARY ARTERY : NORMAL
PERICARDIUM : NORMAL
COLOUR/DOPPLER FLOW MAPPING : No diastolic dysfunction

FINAL CONCLUSION:

1. ALL CARDIAC CHAMBERS ARE NORMAL IN DIMENSIONS
2. NO REGIONAL WALL MOTION ABNORMALITY AT REST
3. NORMAL LV SYSTOLIC FUNCTION, LVEF=60%
4. NORMAL VALVES
5. NO DIASTOLIC DYSFUNCTION
6. NO PULMONARY HYPERTENSION , (IVC COLLAPSING)
7. NO PERICARDIAL EFFUSION, CLOT VEGETATION.


Dr. KILLOL KANERIA MD, DM
Consultant Cardiologist