

CONCLUSION OF HEALTH CHECKUP

ECU Number : 9250	MR Number : 23201964	Patient Name: NIKHIL VERMA
Age : 36	Sex : Male	Height : 170
Weight : 70.6	Ideal Weight : 66	BMI : 24.43
Date : 10/02/2024		

*Dyslipidemic
Fatty Liver*

*A
Fibrosis
Lvg Hgh molycahn*


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.



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ECU Number : 9250
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Weight : 70.6
Date : 10/02/2024

MR Number : 23201964
Sex : Male
Ideal Weight : 66

Patient Name : NIKHIL VERMA
Height : 170
BMI : 24.43

Past H/O : K/C/O DM

Present H/O : NO MEDICAL COMPLAIN AT PRESENT

Family H/O : FATHER , MOTHER : DM

Habits : NO

Gen.Exam. : G.C.GOOD

B.P : 128/80

Pulse : 74

Others : SPO2 99 %

C.V.S : NAD

R.S. : NAD

Abdomen : NP

Spleen : NP

Skin : NAD

C.N.S : NAD

Advice :





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ECU Number : 9250

Age : 36

Weight : 70.6

Date : 10/02/2024

MR Number : 23201964

Sex : Male

Ideal Weight : 66

Patient Name: NIKHIL VERMA

Height : 170

BMI : 24.43

Ophthalmic Check Up :

Right

Left

Ext Exam

NORMAL

Vision Without Glasses

6/6 N.5

6/6 N.5

Vision With Glasses

N.A

N.A

Final Correction

N.A

N.A

Fundus

NORMAL

Colour Vision

NORMAL

Advice

NIL

Orthopedic Check Up :

Ortho Consultation

Ortho Advice

ENT Check Up :

Ear

Nose

Throat

Hearing Test

ENT Advice

General Surgery Check Up :

General Surgery

Abdominal Lump

Hernia

External Genitals

PVR

Proctoscopy

Any Other

Surgical Advice





Patient Name : Mr. NIKHIL VERMA
Gender / Age : Male / 36 Years 6 Months 3 Days
MR No / Bill No. : 23201964 / 242081601
Consultant : Dr. Manish Mittal
Location : OPD

Type : OPD
Request No. : 198697
Request Date : 10/02/2024 08:06 AM
Collection Date : 10/02/2024 08:18 AM
Approval Date : 10/02/2024 02:22 PM

CBC + ESR

Test	Result	Units	Biological Ref. Range
Haemoglobin.			
Haemoglobin	13.8	gm/dL	13 - 17
Red Blood Cell Count (T-RBC)	4.92	mill/cmm	4.5 - 5.5
Hematocrit (HCT)	42.2	%	40 - 50
Mean Corpuscular Volume (MCV)	85.8	fl	83 - 101
Mean Corpuscular Haemoglobin (MCH)	28.0	pg	27 - 32
MCH Concentration (MCHC)	32.7	%	31.5 - 34.5
Red Cell Distribution Width (RDW-CV)	12.9	%	11.6 - 14
Red Cell Distribution Width (RDW-SD)	40.2	fl	39 - 46
Total Leucocyte Count (TLC)			
Total Leucocyte Count (TLC)	7.42	thou/cmm	4 - 10
Differential Leucocyte Count			
Polymorphs	57	%	40 - 80
Lymphocytes	33	%	20 - 40
Eosinophils	05	%	1 - 6
Monocytes	05	%	2 - 10
Basophils	00	%	0 - 2
Polymorphs (Abs. Value)	4.28	thou/cmm	2 - 7
Lymphocytes (Abs. Value)	2.43	thou/cmm	1 - 3
Eosinophils (Abs. Value)	0.32	thou/cmm	0.2 - 0.5
Monocytes (Abs. Value)	0.35	thou/cmm	0.2 - 1
Basophils (Abs. Value)	0.04	thou/cmm	0.02 - 0.1
Immature Granulocytes	0.3	%	1 - 3 : Borderline > 3 : Significant

Platelet Count

Platelet Count 209 thou/cmm 150 - 410

Remarks This is counter generated CBC Report, smear review is not done

ESR **22** mm/1 hr 0 - 10

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DEPARTMENT OF LABORATORY MEDICINE

Patient Name : Mr. NIKHIL VERMA
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CBC + ESR

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 by Fluorescent flow cytometry using a semi-conductor laser and hydrodynamic focusing in dedicated channels. 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.

📌 on ESL-30, comparable to Westergrens method and in accordance to ICSH reference method.

---- End of Report ----

Dr. Ameet Soni
MD (Path)

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 / retest may be requested.

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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 Autocontro
This method check's group both on Red blood cells and in Serum for "ABO" group.

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Fasting Plasma Glucose

Test	Result	Units	Biological Ref. Range
Fasting Plasma Glucose			
Fasting Plasma Glucose	132	mg/dL	70 - 110
Remarks	on tab		
Post Prandial 2 Hr. Plasma Glucose	244	mg/dL	70 - 140

By Hexokinase method on EXL Dade Dimension

---- End of Report ----

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 MR No / Bill No. : 23201964 / 242081601 Request Date : 10/02/2024 08:06 AM
 Consultant : Dr. Manish Mittal Collection Date : 10/02/2024 08:18 AM
 Location : OPD Approval Date : 10/02/2024 12:37 PM

HbA1c (Glycosylated Hb)

Test	Result	Units	Biological Ref. Range
HbA1c (Glycosylated Hb)			
Glycosylated Heamoglobin (HbA1c)	6.5	%	
estimated Average Glucose (e AG) *	139.85	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.
- 7	126 - 154	Near Normal
< 6	< 126	Nondiabetic level)

----- End of Report -----

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Complete Lipid Profile

Test	Result	Units	Biological Ref. Range
Complete Lipid Profile			
Appearance	Clear		
Triglycerides	173	mg/dL	1 - 150
<i>(Done by Lipase /Glycerol kinase on Vitros 5600)</i>			
<i>< 150 Normal</i>			
<i>150-199 Borderline High</i>			
<i>200-499 High</i>			
<i>> 499 Very High)</i>			
Total Cholesterol	158	mg/dL	1 - 200
<i>(Done by Colorimetric - Cholesterol Oxidase, esterase, peroxidase on Vitros 5600.)</i>			
<i><200 mg/dL - Desirable</i>			
<i>200-239 mg/dL - Borderline High</i>			
<i>239 mg/dL - High)</i>			
HDL Cholesterol	37	mg/dL	40 - 60
<i>(Done by Colorimetric: non HDL precipitation method PTA/MgCl2 on Vitros 5600)</i>			
<i>< 40 Low</i>			
<i>> 60 High)</i>			
Non HDL Cholesterol (calculated)	121	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	98	mg/dL	1 - 100
<i>(Done by Enzymatic (Two Step CHE/CHO/POD) on Vitros 5600)</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)	34.6	mg/dL	12 - 30
LDL Ch. / HDL Ch. Ratio	2.65		2.1 - 3.5
T. Ch./HDL Ch. Ratio	4.27		3.5 - 5
<i>(Recent NECP / ATP III Guidelines / Classification (mg/dl) :)</i>			

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Thyroid Hormone Study

Test	Result	Units	Biological Ref. Range
Triiodothyronine (T3) (Done by CLIA based method on automated immunoassay Vitros 5600. 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))	1.40	ng/ml	
Thyroxine (T4) (Done by CLIA based method on automated immunoassay Vitros 5600. 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))	10.2	mcg/dL	
Thyroid Stimulating Hormone (US-TSH) (Done by CLIA based method on automated immunoassay Vitros 5600. 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))	1.69	microIU/ml	

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--- End of Report ---

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Liver Function Test (LFT)

Test	Result	Units	Biological Ref. Range
Bilirubin			
Bilirubin - Total	0.56	mg/dL	0 - 1
Bilirubin - Direct	0.16	mg/dL	0 - 0.3
Bilirubin - Indirect	0.4	mg/dL	0 - 0.7
<i>(Done by Dual Wavelength - Reflectance Spectrophotometry on Vitros 5600)</i>			
Aspartate Aminotransferase (SGOT/AST)	30	U/L	15 - 40
<i>(Done by Multipoint Rate Colorimetric with P-5-P on Vitros 5600)</i>			
Alanine Aminotransferase (SGPT/ALT)	56	U/L	16 - 63
<i>(Done by Multipoint-Rate/Colorimetric with P-5-P (pyridoxa-5-phosphate) on Vitros 5600)</i>			
Alkaline Phosphatase	142	U/L	53 - 128
<i>(Done by Multipoint-Rate - p-nitrophenyl Phosphate, AMP buffer on Vitros 5600)</i>			
Gamma Glutamyl Transferase (GGT)	24	U/L	15 - 85
<i>(Done by Multipoint Rate - L-γ³-glutamyl-p-nitroanilide on Vitros 5600)</i>			
Total Protein			
Total Proteins	8.45	gm/dL	6.4 - 8.2
Albumin	4.57	gm/dL	3.4 - 5
Globulin	3.88	gm/dL	3 - 3.2
A : G Ratio	1.18		1.1 - 1.6
<i>(Done by Biuret endpoint and Bromocresol green method on vitros 5600.)</i>			

---- End of Report ----

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Renal Function Test (RFT)

Test	Result	Units	Biological Ref. Range
Urea <i>(Done by Endpoint/Colorimetric - Urease on Vitros 5600)</i>	20	mg/dL	10 - 45
BUN	9.35	mg/dL	5 - 21
Creatinine <i>(By Modified Kinetic Jaffe Technique)</i>	0.64	mg/dL	0.9 - 1.3
Estimate Glomerular Filtration rate <i>(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)</i>	More than 60		
Uric acid <i>(Done by Colorimetric - Uricase, Peroxidase on Vitros 5600)</i>	6.0	mg/dL	3.4 - 7.2

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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	6.0		
Specific Gravity	1.003		
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	/hpf	Nil
Crystals	Nil	/hpf	Nil
Mucus	Absent	/hpf	Absent
Organism	Absent		

---- End of Report ----

Dr. Amee Soni
MD (Path)



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Digital Subtraction Angiography (DSA)

Foetal Echocardiography

Echocardiography

4D USG & Doppler

DEPARTMENT OF DIAGNOSTIC RADIOLOGY

Patient No. : 23201964 Report Date : 10/02/2024

Request No. : 190102057 10/02/2024 8.06 AM

Patient Name : Mr. NIKHIL VERMA

Gender / Age : Male / 36 Years 6 Months 3 Days

X-Ray Chest AP

- Both lung fields are clear.
- Both costophrenic sinuses appear clear.
- Heart size is normal.
- Hilar shadows show no obvious abnormality.
- Aorta is normal.

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

Dr. Priyanka Patel, MD.

Consultant Radiologist

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- Foetal Echocardiography
- Echocardiography
- 4D USG & Doppler

DEPARTMENT OF DIAGNOSTIC RADIOLOGY

Patient No. : 23201964 Report Date : 10/02/2024
 Request No. : 190102073 10/02/2024 8.06 AM
 Patient Name : Mr. NIKHIL VERMA
 Gender / Age : Male / 36 Years 6 Months 3 Days

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

Liver is normal in size and increased in echo pattern. No mass lesion identified. The hepatic veins are clear and patent.

Gall bladder shows no obvious abnormality. Common bile duct measures 3mm in diameter.

Pancreas shows no obvious abnormality. Tail obscured.

Spleen is normal in size and echopattern.

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

No ascites.

COMMENT:

- Fatty liver.

Kindly correlate clinically.

Dr. Priyanka Patel, MD.

Consultant Radiologist



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

HR 62 bpm

P 24 ms

PR 128 ms

QRS 84 ms

QT/QTc 372/379 ms

PQRST 1524/56

RV5SV1 1.461/0.277 mV

Diagnosis: Information:

Sinus Rhyth

Normal ECG

Report Confirmed by:

Pr

