DIAGNOSTICS REPORT

Patient Name	: Mr. VINAY KUMAR SINDOLIA	Order Date	: 04/04/2023 09:33
Age/Sex	: 35 Year(s)/Male	Report Date	: 04/04/2023 10:46
UHID	: SHHM.62137	IP No	:
Ref. Doctor	: Self	Facility	: SEVENHILLS HOSPITAL, MUMBAI

Normal LV and RV systolic function.

Estimated LVEF = 60%

No LV regional wall motion abnormality at rest .

All valves are structurally and functionally normal.

Normal sized cardiac chambers.

No LV Diastolic dysfunction .

No pulmonary arterial hypertension.

No regurgitation across any other valves.

Normal forward flow velocities across all the cardiac valves.

Aorta and pulmonary artery dimensions: normal.

IAS / IVS: Intact.

No evidence of clot, vegetation, calcification, pericardial effusion. COLOUR DOPPLER: NO MR/AR.

DR.GANESH

MANUDHANE

(CONSULTANT

CARDIOLOGIST)



Dr.Ganesh Vilas Manudhane, M.ch,MCH/DM

RegNo: 2011/06/1763

: Mr. VINAY KUMAR SINDOLIA	Age/Sex	: 35 Year(s) / Male
: SHHM.62137	Order Date	: 04/04/2023 09:33
: OP		
: Self	Mobile No	: 8178046562
	DOB	: 14/12/1987
	Facility	: SEVENHILLS HOSPITAL, MUMBAI
	: SHHM.62137 : OP	: SHHM.62137 Order Date : OP : Self Mobile No DOB

Blood Bank

Test Name			Result				
Sample No ·	O0265541A	Collection Date :	04/04/23 09:43	Ack Date ·	04/04/2023 11:23	Report Date :	04/04/23 11:49

BLOOD GROUPING/ CROSS-MATCHING BY SEMI AUTOMATION

BLOOD GROUP (ABO)	'B'
Rh Type	POSITIVE

Method - Column Agglutination

REMARK: THE REPORTED RESULTS PERTAIN TO THE SAMPLE RECEIVED AT THE BLOOD CENTRE.

Interpretation:

Blood typing is used to determine an individual's blood group, to establish whether a person is blood group A, B, AB, or O and whether he or she is Rh positive or Rh negative. Blood typing has the following significance,

• Ensure compatibility between the blood type of a person who requires a transfusion of blood or blood components and the ABO and Rh type of the unit of blood that will be transfused.

• Determine compatibility between a pregnant woman and her developing baby (fetus). Rh typing is especially important during pregnancy because a mother and her fetus could be incompatible.

• Determine the blood group of potential blood donors at a collection facility.

• Determine the blood group of potential donors and recipients of organs, tissues, or bone marrow, as part of a workup for a transplant procedure.

End of Report

Patient Name	: Mr. VINAY KUMAR SINDOLIA	Age/Sex	: 35 Year(s) / Male
UHID	: SHHM.62137	Order Date	: 04/04/2023 09:33
Episode	: OP		
Ref. Doctor	: Self	Mobile No	: 8178046562
		DOB	: 14/12/1987
		Facility	: SEVENHILLS HOSPITAL, MUMBAI

HAEMATOLOGY

Test Name		Result			Unit F	Ref. Range
Sample No : 00265541A Collect	tion Date :	04/04/23 09:43	Ack Date :	04/04/2023 10:07	Report Date	e: 04/04/23 11:30
COMPLETE BLOOD COUNT (CBC	C) - EDTA W	HOLE BLOOD				
Total WBC Count	-	4.86			x10^3/ul	4.00 - 10.00
Neutrophils		50.6			%	40.00 - 80.00
Lymphocytes		38.9			%	20.00 - 40.00
Eosinophils		3.2			%	1.00 - 6.00
Monocytes		6.9			%	2.00 - 10.00
Basophils		0.4 🔻			%	1.00 - 2.00
Absolute Neutrophils Count		2.46			x10^3/ul	2.00 - 7.00
Absolute Lymphocytes Count		1.89			x10^3/ul	0.80 - 4.00
Absolute Eosinophils Count		0.15			x10^3/ul	0.02 - 0.50
Absolute Monocytes Count		0.34			x10^3/ul	0.12 - 1.20
Absolute Basophils Count		0.02			x10^3/ul	0.00 - 0.10
RBCs		4.81			x10^6/ul	4.50 - 5.50
Hemoglobin		15.3			gm/dl	13.00 - 17.00
Hematocrit		45.6			%	40.00 - 50.00
MCV		94.8			fl	83.00 - 101.00
МСН		31.9			pg	27.00 - 32.00
МСНС		33.7			gm/dl	31.50 - 34.50
RED CELL DISTRIBUTION WIDTH-	CV (RDW-CV) 12.0			%	11.00 - 16.00
RED CELL DISTRIBUTION WIDTH-	SD (RDW-SD) 42.8			fl	35.00 - 56.00
Platelet	•	199			x10^3/ul	150.00 - 410.00
MPV		11.1			fl	6.78 - 13.46
PLATELET DISTRIBUTION WIDTH	(PDW)	16.8			%	9.00 - 17.00
PLATELETCRIT (PCT)		0.220			%	0.11 - 0.28

Patient Name	: Mr. VINAY KUMAR SINDOLIA	Age/Sex	: 35 Year(s) / Male
UHID	: SHHM.62137	Order Date	: 04/04/2023 09:33
Episode	: OP		
Ref. Doctor	: Self	Mobile No	: 8178046562
		DOB	: 14/12/1987
		Facility	: SEVENHILLS HOSPITAL, MUMBAI

Method:-

HB Colorimetric Method. RBC/PLT Electrical Impedance Method. WBC data Flow Cytometry by Laser Method. MCV,MCH,MCHC,RDW and rest parameters - Calculated. All Abnormal Haemograms are reviewed confirmed microscopically.

NOTE: Wallach's Interpretation of Diagnostic Tests. 11th Ed, Editors: Rao LV. 2021

NOTE :-

The International Council for Standardization in Haematology (ICSH) recommends reporting of absolute counts of various WBC subsets for clinical decision making. This test has been performed on a fully automated 5 part differential cell counter which counts over 10,000 WBCs to derive differential counts. A complete blood count is a blood panel that gives information about the cells in a patient's blood, such as the cell count for each cell type and the concentrations of Hemoglobin and platelets. The cells that circulate in the bloodstream are generally divided into three types: white blood cells (leukocytes), red blood cells (erythrocytes), and platelets (thrombocytes). Abnormally high or low counts may be physiological or may indicate disease conditions, and hence need to be interpreted clinically.

13

ERYTHROCYTE SEDIMENTATION RATE (ESR)

ESR

Method: Westergren Method

INTERPRETATION :-

ESR is a non-specific phenomenon, its measurement is clinically useful in disorders associated with an increased production of acute-phase proteins. It provides an index of progress of the disease in rheumatoid arthritis or tuberculosis, and it is of considerable value in diagnosis of temporal arteritis and polymyalgia rheumatica. It is often used if multiple myeloma is suspected, but when the myeloma is non-secretory or light chain, a normal ESR does not exclude this diagnosis.

An elevated ESR may occur as an early feature in myocardial infarction. Although a normal ESR cannot be taken to exclude the presence of organic disease, the vast majority of acute or chronic infections and most neoplastic and degenerative diseases are associated with changes in the plasma proteins that increased ESR values.

The ESR is influenced by age, stage of the menstrual cycle and medications taken (corticosteroids, contraceptive pills). It is especially low (0–1 mm) in polycythaemia, hypofibrinogenaemia and congestive cardiac failure and when there are abnormalities of the red cells such as poikilocytosis, spherocytosis, or sickle cells. In cases of performance enhancing drug intake by athletes the ESR values are generally lower than the usual value for the individual and as a result of the increase in haemoglobin (i.e. the effect of secondary polycythaemia).

End of Report



Dr.Ritesh Kharche MD, PGD Consultant Pathologist and Director of Laboratory Services mm/hr

0 - 20

Patient Name	: Mr. VINAY KUMAR SINDOLIA	Age/Sex	: 35 Year(s) / Male
UHID	: SHHM.62137	Order Date	: 04/04/2023 09:33
Episode	: OP		
Ref. Doctor	: Self	Mobile No	: 8178046562
		DOB	: 14/12/1987
		Facility	: SEVENHILLS HOSPITAL, MUMBAI

RegNo: 2006/03/1680

.

l

Patient Name	: Mr. VINAY KUMAR SINDOLIA	Age/Sex	: 35 Year(s) / Male
UHID	: SHHM.62137	Order Date	: 04/04/2023 09:33
Episode	: OP		
Ref. Doctor	: Self	Mobile No	: 8178046562
		DOB	: 14/12/1987
		Facility	: SEVENHILLS HOSPITAL, MUMBAI

t Name			Result	Unit	Ref. Range
Sample No :	O0265541A	Collection Date :	04/04/23 09:43 Ack Date : 04/04/2	2023 10:07 Report	Date : 04/04/23 11:31
GLYCOSL	YATED HAEMO	<u>GLOBIN (HBA1C</u>	1		
HbA1c Method - BIC	DCHEMISTRY		5.75	%	4 to 6% Non-diabetic 6.07
Method - Calo NOTES :-	Average Glucose	(eAG)	118.33	mg/dl	90 - 126
2. HbA1C I evaluates dia 3. Inappro hypertriglyce interference V 4. HbA1c ma, 5. Inappro hyperbilirubir 6. Trends in I 7. Any sai below 4% sh 8. HbA1c targ 9. HbA1c targ Method : turl	may be falsely lo betes over 15 days. opriately low Hb videmia, chronic with estimation of Hb v be increased in pation pately higher va openia and large dose. HbA1c are a better in mple with >15% ould prompt addition opet in pregnancy is to get in paediatric age pidimetric inhibition in	w in diabetics with pA1c values may liver disease.Drug A1c, causing falsely low ients with polycythemia lues of HbA1c ma s of aspirin. dicator of diabetic contri HbA1c should be al studies to determine a attain level <6 % . group is to attain level - mmunoassay (TINIA) fo	ns like dapsone, ribavirin, antiretro values. or post-splenectomy. y be caused due to iron deficiency, rol than a solitary test. suspected of having a hemoglobin varia the possible presence of variant hemoglobin.	a plasma fructosamine le recent blood transfusio oviral drugs, trimethopr vitamin B12 deficiency,	n, acute blood loss, im, may also cause alcohol intake, uremia,

GLUCOSE-PLASMA-FASTING

Glucose, Fastir	าต
-----------------	----

100.65

mg/dl 70 - 110

Patient Name	: Mr. VINAY KUMAR SINDOLIA
UHID	: SHHM.62137
Episode	: OP
Ref. Doctor	: Self

: 35 Year(s) / Male
:04/04/2023 09:33
: 8178046562
: 14/12/1987
: SEVENHILLS HOSPITAL, MUMBAI

American Diabetes Association Reference Range :

Normal : < 100 mg/dl Impaired fasting glucose(Prediabetes) : 100 - 126 mg/dl Diabetes : >= 126 mg/dl

References:

1)Pack Insert of Bio system 2) Tietz Textbook Of Clinical Chemistry And Molecular Diagnostics, 6th Ed, Editors: Rifai et al. 2018

Interpretation :-

Conditions that can result in an elevated blood glucose level include: Acromegaly, Acute stress (response to trauma, heart attack, and stroke for instance), Chronic kidney disease, Cushing syndrome, Excessive consumption of food, Hyperthyroidism, Pancreatitis.

A low level of glucose may indicate hypoglycemia, a condition characterized by a drop in blood glucose to a level where first it causes nervous system symptoms (sweating, palpitations, hunger, trembling, and anxiety), then begins to affect the brain (causing confusion, hallucinations, blurred vision, and sometimes even coma and death). A low blood glucose level (hypoglycemia) may be

seen with:Adrenal insufficiency, Drinking excessive alcohol, Severe liver disease, Hypopituitarism, Hypothyroidism, Severe infections, Severe heart failure, Chronic kidney (renal) failure, Insulin overdose, Tumors that produce insulin (insulinomas),Starvation.

Lipid	Profile

Total Cholesterol Triglycerides	213.52 161.68	mg/dl mg/dl	Reference Values : Up to 200 m Reference Values:
Method - Enzymatic			Up to 150 mg
HDL Cholesterol	42.35	mg/dl	0 - 60
Method - Enzymatic immuno inhibition LDL Cholesterol	138.83 🔺	mg/dl	0 - 130
<i>Method - Calculated</i> VLDL Cholesterol	32.34	mg/dl	0 - 40
Method - Calculated		-	
Total Cholesterol / HDL Cholesterol Ratio - Calculated	5.04 🔺	RATIO	0 - 5
Method - Calculated LDL / HDL Cholesterol Ratio - Calculated Method - Calculated	3.28	RATIO	0 - 4.3

F	atient Name	: Mr. VINAY KUMAR SINDOLIA	Age/Sex	: 35 Year(s) / Male
ι	IHID	: SHHM.62137	Order Date	: 04/04/2023 09:33
E	pisode	: OP		
F	lef. Doctor	: Self	Mobile No	: 8178046562
			DOB	: 14/12/1987
			Facility	: SEVENHILLS HOSPITAL, MUMBAI
1				

References:

1)Pack Insert of Bio system

2) Tietz Textbook Of Clinical Chemistry And Molecular Diagnostics, 6th Ed, Editors: Rifai et al. 2018

Interpretation

1. Triglycerides: When triglycerides are very high greater than 1000 mg/dL, there is a risk of developing pancreatitis in children and adults. Triglycerides change dramatically in response to meals, increasing as much as 5 to 10 times higher than fasting levels just a few hours after eating. Even fasting levels vary considerably day to day. Therefore, modest changes in fasting triglycerides measured on different days are not considered to be abnormal.

2. HDL-Cholesterol: HDL- C is considered to be beneficial, the so-called "good" cholesterol, because it removes excess cholesterol from tissues and carries it to the liver for disposal. If HDL-C is less than 40 mg/dL for men and less than 50 mg/dL for women, there is an increased risk of heart disease that is independent of other risk factors, including the LDL-C level. The NCEP guidelines suggest that an HDL cholesterol value greater than 60 mg/dL is protective and should be treated as a negative

risk factor.

3. LDL-Cholesterol: Desired goals for LDL-C levels change based on individual risk factors. For young adults, less than 120 mg/dL is acceptable. Values between 120-159 mg/dL are considered Borderline high. Values greater than 160 mg/dL are considered high. Low levels of LDL cholesterol may be seen in people with an inherited lipoprotein deficiency and in people with hyperthyroidism, infection, inflammation, or cirrhosis.

<u>Uric Acid (Serum)</u>			
Uric Acid	4.4	mg/dl	3.5 - 7.2
Method - Uricase			
References:			
1)Pack Insert of Bio system			

2) TIETZ Textbook of Clinical chemistry and Molecular DiagnosticsEdited by: Carl A.burtis, Edward R. Ashwood, David e. Bruns

Interpretation:-

Uric acid is produced by the breakdown of purines. Purines are nitrogen-containing compounds found in the cells of the body, including our DNA. Increased concentrations of uric acid can cause crystals to form in the joints, which can lead to the joint inflammation and pain characteristic of gout. Low values can be associated with some kinds of liver or kidney diseases, Fanconi syndrome, exposure to toxic compounds, and rarely as the result of an inherited metabolic defect (Wilson disease).

Liver Function Test (LFT)

SGOT (Aspartate Transaminase) - SERUM Method - IFCC	29.38	IU/L	0 - 35
SGPT (Alanine Transaminase) - SERUM	38.42	IU/L	0 - 45
<i>Method - IFCC</i> Total Bilirubin - SERUM	1.12	mg/dl	0 - 2
<i>Method - Diazo</i> Direct Bilirubin SERUM	0.5 🔺	mg/dl	0 - 0.4
<i>Method - Diazotization</i> Indirect Bilirubin - Calculated	0.62	mg/dl	0.1 - 0.8
<i>Method - Calculated</i> Alkaline Phosphatase - SERUM	106.23	IU/L	0 - 115
Method - IFCC AMP Buffer		,	
Total Protein - SERUM Method - Biuret	7.47	gm/dl	6 - 7.8
Albumin - SERUM Method - Bromo Cresol Green(BCG)	4.0	gm/dl	3.5 - 5.2

Patient Name	e : Mr. VINAY KUMAR SINDOLIA		Age/Sex	: 35 Year(s) /	Male	
UHID	: SHHM.62137		Order Date	:04/04/2023	09:33	
Episode	: OP					
Ref. Doctor	-		Mobile No		: 8178046562	
			DOB	: 14/12/1987		
			Facility	: SEVENHILLS	HOSPITAL, MUMBAI	
Globulin - Ca	lculated	3.47		gm/dl	2 - 4	
Method - Calcul	lated					
A:G Ratio		1.15		:1	1 - 3	
Method - Calcul	lated					
Gamma Glut	amyl Transferase (GGT) - Gglutamyl	28.45		IU/L	0 - 55	
carboxy nitro	oanilide - SERUM					
Method - G glut	amyl carboxy nitroanilide					

References:

1)Pack Insert of Bio system

2) Tietz Textbook Of Clinical Chemistry And Molecular Diagnostics, 6th Ed, Editors: Rifai et al. 2018

Interperatation :-

Bilirubin is a yellowish pigment found in bile and is a breakdown product of normal heme catabolism. Elevated levels results from increased bilirubin production (eg hemolysis and ineffective erythropoiesis); decreased bilirubin excretion (eg; obstruction and hepatitis); and abnormal bilirubin metabolism (eg; hereditary and neonatal jaundice).conjugated (direct) bilirubin is also elevated more than unconjugated (indirect) bilirubin when there is some kind of blockage of the bile ducts like in Gallstonesgetting into the bile ducts tumors & Scarring of the bile ducts. Increased unconjugated (indirect) bilirubin may be a result of hemolytic or pernicious anemia, transfusion reaction & a common metabolic condition termed Gilbert syndrome.

AST levels increase in viral hepatitis, blockage of the bile duct ,cirrhosis of the liver, liver cancer, kidney failure, hemolytic anemia, pancreatitis, hemochromatosis.Ast levels may also increase after a heart attck or strenuous activity. ALT is commonly measured as a part of a diagnostic evaluation of hepatocellular injury, to determine liver health. Elevated ALP levels are seen in Biliary Obstruction, Osteoblastic Bone Tumors, Osteomalacia, Hepatitis, Hyperparathyriodism, Leukemia,Lymphoma, paget's disease, Rickets, Sarcoidosis etc.

Elevated serum GGT activity can be found in diseases of the liver, Biliary system and pancreas. Conditions that increase serum GGT are obstructive liver disease, high alcohol consumption and use of enzyme-including drugs etc.

Serum total protein, also known as total protein, is a biochemical test for measuring the total amount of protein in serum..Protein in the plasma is made up of albumin and globulin. Higher-than-normal levels may be due to: Chronic inflammation or infection, including HIV and hepatitis B or C, Multiple myeloma,Waldenstrom's disease. Lower-than-normal levels may be due to: Agammaglobulinemia, Bleeding (hemorrhage), Burns, Glomerulonephritis, Liver disease, Malabsorption, Malnutrition, Nephrotic - Human serum albumin is the most abundant protein in human blood plasma. It is produced in the liver.Albumin constitutes about half of the blood serum protein. Low blood albumin levels (hypoalbuminemia) can be caused by: Liver disease like cirrhosis of the liver, nephrotic syndrome, protein-losing enteropathy, Burns, hemodilution, increased vascular permeability or decreased lymphatic clearance, malnutrition and wasting etc.

Renal Function Test (RFT)			
Urea - SERUM	19.3	mg/dl	15 - 39
Method - Urease			
BUN - SERUM	9.02	mg/dl	4 - 18
Method - Urease-GLDH			
Creatinine - SERUM	0.91	mg/dl	0.5 - 1.3
Method - Jaffes Kinetic			
References:			
1)Pack Insert of Bio system			

2) Tietz Textbook Of Clinical Chemistry And Molecular Diagnostics, 6th Ed, Editors: Rifai et al. 2018

Interpretation:-

The blood urea nitrogen or BUN test is primarily used, along with the creatinine test, to evaluate kidney function in a wide range of circumstances, to help diagnose kidney disease, and to monitor people with acute or chronic kidney dysfunction or failure. It also may be used to evaluate a person's general health status.

Patient Name	: Mr. VINAY KUMAR SINDOLIA	Age/Sex	: 35 Year(s) / Male
UHID	: SHHM.62137	Order Date	: 04/04/2023 09:33
Episode	: OP		
Ref. Doctor	: Self	Mobile No	: 8178046562
		DOB	: 14/12/1987
		Facility	: SEVENHILLS HOSPITAL, MUMBAI

GLUCOSE-PLASMA POST PRANDIAL

Glucose, Post Prandial

138.52

70 - 140

mg/dl

American Diabetes Association Reference Range :

Post-Prandial Blood Glucose:

Non- Diabetic: Up to 140mg/dL Pre-Diabetic: 140-199 mg/dL Diabetic :>200 mg/dL

References:

1)Pack Insert of Bio system 2) Tietz Textbook Of Clinical Chemistry And Molecular Diagnostics, 6th Ed, Editors: Rifai et al. 2018

Interpretation :-

Conditions that can result in an elevated blood glucose level include: Acromegaly, Acute stress (response to trauma, heart attack, and stroke for instance), Chronic kidney disease, Cushing syndrome, Excessive consumption of food, Hyperthyroidism, Pancreatitis.

A low level of glucose may indicate hypoglycemia, a condition characterized by a drop in blood glucose to a level where first it causes nervous system symptoms (sweating, palpitations, hunger, trembling, and anxiety), then begins to affect the brain (causing confusion, hallucinations, blurred vision, and sometimes even coma and death). A low blood glucose level (hypoglycemia) may be

seen with:Adrenal insufficiency, Drinking excessive alcohol, Severe liver disease, Hypopituitarism, Hypothyroidism, Severe infections, Severe heart failure, Chronic kidney (renal) failure, Insulin overdose, Tumors that produce insulin (insulinomas),Starvation.

End of Report

Patient Name	: Mr. VINAY KUMAR SINDOLIA
UHID	: SHHM.62137
Episode	: OP
Ref. Doctor	: Self

Age/Sex : 35 Year(s) / Male **Order Date** :04/04/2023 09:33 Mobile No :8178046562 DOB : 14/12/1987 : SEVENHILLS HOSPITAL, MUMBAI Facility

Stool Examination

est Name		Resul	:			
Sample No: 00265541D	Collection Date :	04/04/23 09:43	Ack Date :	04/04/2023 10:08	Report Date :	04/04/23 15:53
Gross and Chemical Ex	amination					
Consistency		Sen	ni-Solid			
COLOUR STOOL		Bro	wn			
Visible Blood		Abs	ent			
Mucus		Abs	ent			
Occult Blood		NEC	GATIVE			
Microscopic Examinati	on					
Puscells		OCC	CASIONAL			
RBC		ABS	ENT			
Epithelial Cells		ABS	ENT			
Parasites		Not	Seen			
Bacteria		POS	SITIVE(+)			
			End of Rep	ort		



Patient Name	: Mr. VINAY KUMAR SINDOLIA	Age/Sex	: 35 Year(s) / Male
UHID	: SHHM.62137	Order Date	: 04/04/2023 09:33
Episode	: OP		
Ref. Doctor	: Self	Mobile No	: 8178046562
		DOB	: 14/12/1987
		Facility	: SEVENHILLS HOSPITAL, MUMBAI

IMMUNOLOGY

Test Name		Result			Unit	Ref. Range
Sample No: 00265541C	Collection Date :	04/04/23 09:43	Ack Date :	04/04/2023 10:37	Report Da	ate : 04/04/23 11:55
T3 - SERUM Method - CLIA		122.	3		ng/dl	70.00 - 204.00
T4 - SERUM Method - CLIA		9.11			ug/dL	4.60 - 10.50
TSH - SERUM		2.31			uIU/ml	0.40 - 4.50
Method - CLIA Reference Ranges (T3) Pregnancy: First Trimester 81 - 190 Second Trimester & Third Trimester	100 - 260					

Reference Ranges (TSH) Pregnancy: 1st Trimester : 0.1 – 2.5 2nd Trimester : 0.2 – 3.0 3rd Trimester : 0.3 – 3.0

Reference:

1.Clinical Chemistry and Molecular Diagnostics, Tietz Fundamentals, 7th Edition & Endocronology Guideliens

Interpretation :-

It is recommended that the following potential sources of variation should be considered while interpreting thyroid hormone results:

1. Thyroid hormones undergo rhythmic variation within the body this is called circadian variation in TSH secretion: Peak levels are seen between 2-4 am. Minimum levels seen between 6-10 am. This variation may be as much as 50% thus, influence of sampling time needs to be considered for clinical interpretation.

2. Circulating forms of T3 and T4 are mostly reversibly bound with Thyroxine binding globulins (TBG), and to a lesser extent with albumin and Thyroid binding PreAlbumin. Thus the conditions in which TBG and protein levels alter such as chronic liver disorders, pregnancy, excess of estrogens, androgens, anabolic steroids and glucocorticoids may cause misleading total T3, total T4 and TSH interpretations.

3. Total T3 and T4 levels are seen to have physiological rise during pregnancy and in patients on steroid treatment.

4. T4 may be normal the presence of hyperthyroidism under the following conditions : T3 thyrotoxicosis, Hypoproteinemia related reduced binding, during intake of certain drugs (eg Phenytoin, Salicylates etc)

5. Neonates and infants have higher levels of T4 due to increased concentration of TBG

6. TSH levels may be normal in central hypothyroidism, recent rapid correction of hypothyroidism or hyperthyroidism, pregnancy, phenytoin therapy etc.

7. TSH values of <0.03 uIU/mL must be clinically correlated to evaluate the presence of a rare TSH variant in certain individuals which is undetectable by conventional methods.

8. Presence of Autoimmune disorders may lead to spurious results of thyroid hormones

9. Various drugs can lead to interference in test results.

10. It is recommended that evaluation of unbound fractions, that is free T3 (fT3) and free T4 (fT4) for clinic-pathologic correlation, as these are the metabolically active forms.

End of Report



: Mr. VINAY KUMAR SINDOLIA	Age/Sex	: 35 Year(s) / Male
: SHHM.62137	Order Date	: 04/04/2023 09:33
: OP		
: Self	Mobile No	: 8178046562
	DOB	: 14/12/1987
	Facility	: SEVENHILLS HOSPITAL, MUMBAI
	: SHHM.62137 : OP	: SHHM.62137 Order Date : OP : Self Mobile No DOB

Dr.Ritesh Kharche MD, PGD Consultant Pathologist and Director of Laboratory Services RegNo: 2006/03/1680

.

Patient Name	: Mr. VINAY KUMAR SINDOLIA	Age/Sex	: 35 Year(s) / Male
UHID	: SHHM.62137	Order Date	: 04/04/2023 09:33
Episode	: OP		
Ref. Doctor	: Self	Mobile No	: 8178046562
		DOB	: 14/12/1987
		Facility	: SEVENHILLS HOSPITAL, MUMBAI
		DOB	: 14/12/1987

	Urinalysis								
Test Name			Resul	t		Unit	Ref	. Range	
Sample No :	O0265541E	Collection Date :	04/04/23 09:43	Ack Date :	04/04/2023 10:	09	Report Date :	04/04/23 13:36	
URINE SUGAR AND KETONE (FASTING)									
Sugar			Abs	ent					
ketones									
Sample No :	O0265574E	Collection Date :	04/04/23 11:55	Ack Date :	04/04/2023 13:	10	Report Date :	04/04/23 13:36	
URINE SU	URINE SUGAR AND KETONE (PP)								
Sugar									
ketones									
	End of Report								
0	(D.)								

Sphal

.

(

DIAGNOSTICS REPORT

Patient Name	: Mr. VINAY KUMAR SINDOLIA	Order Date	: 04/04/2023 09:33
Age/Sex	: 35 Year(s)/Male	Report Date	: 04/04/2023 13:58
UHID	: SHHM.62137	IP No	:
Ref. Doctor	: Self	Facility	: SEVENHILLS HOSPITAL, MUMBAI

USG ABDOMEN

Liver is normal in size (12.6 cm) and echotexture. No focal liver parenchymal lesion is seen. Intrahepatic portal and biliary radicles are normal.

Gall-bladder is physiologically distended. No evidence of intraluminal calculus is seen. Wall thickness appears normal. No evidence of peri-cholecystic fluid is seen.

Portal vein and CBD are normal in course and calibre.

Visualised part of pancreas appears normal in size and echotexture. No evidence of duct dilatation or parenchymal calcification seen.

Spleen is normal in size (8.4 cm) and echotexture. No focal lesion is seen in the spleen.

Right kidney measures 10. x 3.7 cm. Left kidney measures 10.4 x 4.3 cm.

Both the kidneys are normal in size, shape and echotexture. Cortico-medullary differentiation is maintained. No evidence of calculus or hydronephrosis on either side.

There is no free fluid in abdomen and pelvis. **IMPRESSION:**

No significant abnormality is detected in present scan.

No

Dr.Bhavesh Rajesh Dubey, MBBS, MD

RegNo: 2017/03/0656

DIAGNOSTICS REPORT

Patient Name	: Mr. VINAY KUMAR SINDOLIA	Order Date	: 04/04/2023 09:33
Age/Sex	: 35 Year(s)/Male	Report Date	: 04/04/2023 15:38
UHID	: SHHM.62137	IP No	:
Ref. Doctor	: Self	Facility	: SEVENHILLS HOSPITAL, MUMBAI

X-RAY CHEST PA VIEW

Both lungs are clear.

The frontal cardiac dimensions are normal.

The pleural spaces are clear.

Both hilar shadows are normal in position and density.

No diaphragmatic abnormality is seen.

The soft tissues and bony thorax are normal.

IMPRESSION: No pleuroparenchymal lesion is seen.

Dr.Bhavesh Rajesh Dubey, MBBS, MD

RegNo: 2017/03/0656