



Report for: **MANOHAR SHELKE (68 yrs / M)**

Tests Conducted: **Comprehensive Full Body Checkup With Vitamin D And B12**

Test Date: **20 Dec 2022**

Report Status: **AVAILABLE**



- 針 **T**echnically certified phlebotomists
- 报告 **R**eport verified by expert pathologists
- 条形码 **U**nique bar code tracking for every sample
- 样本 **S**ample tested by fully automated machines
- 温度 **T**emperature controlled sample logistics



Registered Address : API Holdings Ltd.,
902/A, Raheja
Plaza 1, Opp. R-City Mall, LBS Marg,
Ghatkopar (W),
Mumbai - 400086

Lab Address: SATYAM HEIGHTS SECTOR 19
ROOM NO 1002 10TH FLOOR ABOVE
HEALING TOUCH EYE CLINIC KAMOTHE NAVI
MUMBAI

Report Availability Summary

 94 Reports Available

Note: This is only a partial report. Please refer to the table below for the details

Test	Report Status
Comprehensive Full Body Checkup With Vitamin D And B12	 Available
VITAMIN B-12	 Available
25-OH VITAMIN D (TOTAL)	 Available
UNSAT.IRON-BINDING CAPACITY(UIBC)	 Available
HEMOGRAM - 6 PART (DIFF)	 Available
TOTAL TRIIODOTHYRONINE (T3)	 Available
KIDPRO	 Available
TOTAL IRON BINDING CAPACITY (TIBC)	 Available
TSH - ULTRASENSITIVE	 Available
IRON	 Available
FASTING BLOOD SUGAR(GLUCOSE)	 Available
LIPID PROFILE	 Available
COMPLETE URINE ANALYSIS	 Available
LIVER FUNCTION TESTS	 Available
HbA1c	 Available
TOTAL THYROXINE (T4)	 Available

Your Health Summary

Thank you for trusting us with your health report.

Stay on top of your health parameters and take the right steps to stay healthy.

At a glance

Biological - Graphical representation of a blood vessel within a human body, for representation purpose only.



Thyroid Function

LOOKS_GOOD

All parameters are within range.



Lungs Function

TEST_NOT_TAKEN



Liver Function

LOOKS_GOOD

All parameters are within range.



Anemia Studies

LOOKS_GOOD

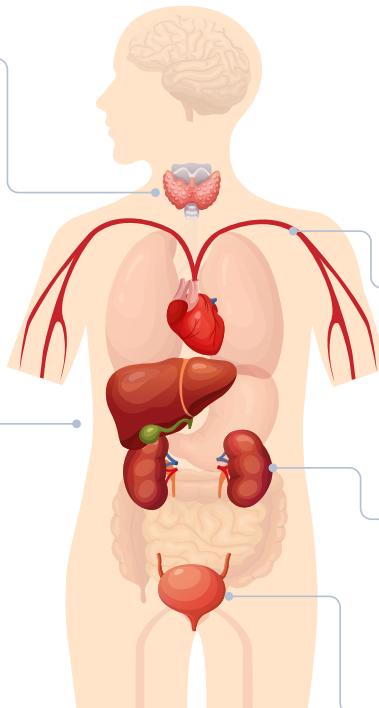
All parameters are within range.



Vitamin

CONCERN

25-OH VITAMIN D (TOTAL) is out of range.



Heart Function

CONCERN

TRIG / HDL RATIO and 1 more parameters are out of range.



Blood Count

CONCERN

RED CELL DISTRIBUTION WIDTH - SD(RDW-SD) and 2 more parameters are out of range.



Kidney Function

CONCERN

URIC ACID and 2 more parameters are out of range.



Urinalysis

LOOKS_GOOD

All parameters are within range.



Electrolytes and Minerals

TEST_NOT_TAKEN

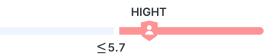
Out of Range Parameters

12/94 tests needs immediate attention 😬

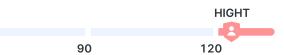
Test Name	Parameters that need your attention	
	FASTING BLOOD SUGAR(GLUCOSE)	AVERAGE BLOOD GLUCOSE (ABG)
Diabetes Monitoring	122.6 70-99 mg/dL	151 90-120 mg/dl
	25-OH VITAMIN D (TOTAL)	
Vitamin	16.69 30-100 ng/ml	
	MONOCYTES - ABSOLUTE COUNT	MEAN CORP. HEMO. CONC(MCHC)
Blood Count	0.16 0.2-1 X 10 ³ / µL	30.9 31.5-34.5 g/dL
	RED CELL DISTRIBUTION WIDTH - SD(RDW-SD)	
Kidney Function	47.8 39-46 fL	
	URIC ACID	CALCIUM
Heart Function	3.84 4.2 - 7.3 mg/dl	8.22 8.8-10.6 mg/dl
	EST. GLOMERULAR FILTRATION RATE (eGFR)	
	88 >= 90 mL/min/1.73 m ²	
	TRIG / HDL RATIO	HDL CHOLESTEROL - DIRECT
	3.45 < 3.12 Ratio	37 40-60 mg/dl

Detailed Report

HbA1c

Parameters	Result	Unit	Reference Range
HbA1c Technology: H.P.L.C.	6.9	%	 HIGH ✖ ≤5.7

Method: Fully Automated H.P.L.C. using Biorad Variant II Turbo

Parameters	Result	Unit	Reference Range
AVERAGE BLOOD GLUCOSE (ABG) Technology: CALCULATED Note: Average Blood Glucose value is calculated from HbA1c value and it indicates Average Blood Sugar level over past three months.	151	mg/dl	 HIGH ✖ 120

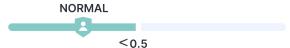
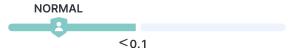
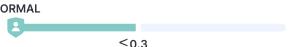
Method: Derived from HbA1c values

HEMOGRAM - 6 PART (DIFF)

Parameters	Result	Unit	Reference Range
TOTAL LEUCOCYTES COUNT (WBC) Technology: HEMATOLOGY	5.72	$\times 10^3 / \mu\text{L}$	 NORMAL ✖ 4 10
NEUTROPHILS Technology: HEMATOLOGY	57.3	%	 NORMAL ✖ 40 80
LYMPHOCYTE PERCENTAGE Technology: HEMATOLOGY	37.9	%	 NORMAL ✖ 20 40
MONOCYTES Technology: HEMATOLOGY	2.8	%	 NORMAL ✖ ≤10
EOSINOPHILS Technology: HEMATOLOGY	1	%	 NORMAL ✖ ≤6
BASOPHILS Technology: HEMATOLOGY	0.7	%	 NORMAL ✖ ≤2

Detailed Report

HEMOGRAM - 6 PART (DIFF)

Parameters	Result	Unit	Reference Range
IMMATURE GRANULOCYTE PERCENTAGE(IG%)	0.3	%	 NORMAL ≤0.5
Technology: HEMATOLOGY			
NEUTROPHILS - ABSOLUTE COUNT	3.28	X 10 ³ / µL	 NORMAL 2 - 7
Technology: HEMATOLOGY			
LYMPHOCYTES - ABSOLUTE COUNT	2.17	X 10 ³ / µL	 NORMAL 1 - 3
Technology: HEMATOLOGY			
MONOCYTES - ABSOLUTE COUNT	0.16	X 10 ³ / µL	 LOW 0.2 - 1
Technology: HEMATOLOGY			
BASOPHILS - ABSOLUTE COUNT	0.04	X 10 ² / µL	 NORMAL ≤0.1
Technology: HEMATOLOGY			
EOSINOPHILS - ABSOLUTE COUNT	0.06	X 10 ³ / µL	 NORMAL ≤0.5
Technology: HEMATOLOGY			
IMMATURE GRANULOCYTES(IG)	0.02	X 10 ³ / µL	 NORMAL ≤0.3
Technology: HEMATOLOGY			
TOTAL RBC	5.15	X 10 ⁶ /µL	 NORMAL 4.5 - 5.5
Technology: HEMATOLOGY			
NUCLEATED RED BLOOD CELLS	0.01	X 10 ³ / µL	 NORMAL ≤0.01
Technology: HEMATOLOGY			
NUCLEATED RED BLOOD CELLS %	0.01	%	 NORMAL ≤0.01
Technology: HEMATOLOGY			
HEMOGLOBIN	15.1	g/dL	 NORMAL 13 - 17
Technology: HEMATOLOGY			

Detailed Report

HEMOGRAM - 6 PART (DIFF)

Parameters	Result	Unit	Reference Range
HEMATOCRIT(PCV) Technology: HEMATOLOGY	48.8	%	
MEAN CORPUSCULAR VOLUME(MCV) Technology: HEMATOLOGY	94.8	fL	
MEAN CORPUSCULAR HEMOGLOBIN(MCH) Technology: HEMATOLOGY	29.3	pq	
MEAN CORP.HEMA.CONC(MCHC) Technology: HEMATOLOGY	30.9	g/dL	
RED CELL DISTRIBUTION WIDTH - SD(RDW-SD) Technology: HEMATOLOGY	47.8	fL	
RED CELL DISTRIBUTION WIDTH (RDW-CV) Technology: HEMATOLOGY	13.5	%	
PLATELET DISTRIBUTION WIDTH(PDW) Technology: HEMATOLOGY	10.9	fL	
MEAN PLATELET VOLUME(MPV) Technology: HEMATOLOGY	9.8	fL	
PLATELET COUNT Technology: HEMATOLOGY	223	X 10 ³ / µL	
PLATELET TO LARGE CELL RATIO(PLCR) Technology: HEMATOLOGY	23.9	%	
PLATELETCRIT(PCT) Technology: HEMATOLOGY	0.22	%	

Method:

Detailed Report

- LYMPH - Flow Cytometry
- MCV - Derived from Pack Cell Volume and RBC (Calculated)
- ANEU - Derived from Neutrophils % and Leucocytes (Calculated)
- BASO - Flow Cytometry
- MONO - Flow Cytometry
- PLCR - Derived from Platelets Histogram
- MPV - Derived from plateletcrit and Platelets (Calculated)
- RDWSD - Derived from Red Blood Cells Histogram
- PLT - Hydrodynamic Focusing and Electric Impedance
- ALYM - Derived from Lymphocytes % and Leucocytes (Calculated)
- PDW - Derived from Platelets Histogram
- EOS - Flow Cytometry
- NEUT - Flow Cytometry
- MCHC - Derived from Hemoglobin and PCV (Calculated)

Alert!!! Predominantly normocytic normochromic with ovalocytes. Platelets: Appear adequate in smear.

- PCT - Derived from Platelets Histogram
- PCV - Measured from RBC
- RDCV - Derived from Red Blood Cells Histogram
- IG% - Flow Cytometry
- ABAS - Derived from Basophils % and Leucocytes (Calculated)
- RBC - Hydrodynamic Focusing and Electric Impedance
- AMON - Derived from Monocytes % and Leucocytes (Calculated)
- AEOS - Derived from Eosinophils % and Leucocytes (Calculated)
- IG - Derived from Immature Granulocytes % and Leucocytes (Calculated)
- NRBC - Derived from NRBC% and Leucocytes (Calculated)
- LEUC - Hydrodynamic Focusing and Flow Cytometry
- NRBC% - Flow Cytometry
- MCH - Derived from Hemoglobin and RBC (Calculated)
- HB - SLS Hemoglobin Method

Sample Collected on (SCT): 20 Dec 2022 08:36

 Sample Type : EDTA
Labcode : 2012070127/DG007
Barcode : AL610505

Sample Received on (SRT): 20 Dec 2022 11:47

Report Released on (RRT): 20 Dec 2022 12:56



Note: Underlined values are critical Values, Clinician's attention required.

Dr Kuldeep Singh MD(Path)

Dr Sachin Patil MD(Path)

Detailed Report

IRON

Parameters	Result	Unit	Reference Range
IRON Technology: PHOTOMETRY	90.6	µg/dl	 NORMAL 65 175

Method: FERROZINE METHOD WITHOUT DEPROTEINIZATION

TOTAL IRON BINDING CAPACITY (TIBC)

Parameters	Result	Unit	Reference Range
TOTAL IRON BINDING CAPACITY (TIBC) Technology: PHOTOMETRY Reference Range: Male: 225 - 535 µg/dl Female: 215 - 535 µg/dl	327.6	µg/dl	 NORMAL 225 535

Method: SPECTROPHOTOMETRIC ASSAY

Parameters	Result	Unit	Reference Range
% TRANSFERRIN SATURATION Technology: CALCULATED	27.66	%	 NORMAL 13 45

Method: DERIVED FROM IRON AND TIBC VALUES

UNSAT.IRON-BINDING CAPACITY(UIBC)

Parameters	Result	Unit	Reference Range
UNSAT.IRON-BINDING CAPACITY(UIBC) Technology: PHOTOMETRY	237	µg/dl	 NORMAL 162 368

Method: SPECTROPHOTOMETRIC ASSAY

Detailed Report

KIDPRO

Parameters	Result	Unit	Reference Range
UREA (CALCULATED) Technology: CALCULATED	30.64	mg/dL	
BLOOD UREA NITROGEN (BUN) Technology: PHOTOMETRY	14.32	mg/dl	
UREA / SR.CREATININE RATIO Technology: CALCULATED	34.82	Ratio	
CREATININE - SERUM Technology: PHOTOMETRY Clinical Significance:	0.88	mg/dl	
BUN / SR.CREATININE RATIO Technology: CALCULATED	16.27	Ratio	
CALCIUM Technology: PHOTOMETRY	8.22	mg/dl	
URIC ACID Technology: PHOTOMETRY	3.84	mg/dl	

Detailed Report

KIDPRO

Parameters	Result	Unit	Reference Range
EST. GLOMERULAR FILTRATION RATE (eGFR)	88	mL/min/1.73 m ²	 LOW ≥90 NORMAL ≤200

Technology: CALCULATED

Reference Range: > = 90 : Normal
 60 - 89 : Mild Decrease
 45 - 59 : Mild to Moderate Decrease
 30 - 44 : Moderate to Severe Decrease
 15 - 29 : Severe Decrease

Clinical Significance:

The normal serum creatinine reference interval does not necessarily reflect a normal GFR for a patient. Because mild and moderate kidney injury is poorly inferred from serum creatinine alone. Thus, it is recommended for clinical laboratories to routinely estimate glomerular filtration rate (eGFR), a "gold standard" measurement for assessment of renal function, and report the value when serum creatinine is measured for patients 18 and older, when appropriate and feasible. It cannot be measured easily in clinical practice, instead, GFR is estimated from equations using serum creatinine, age, race and sex. This provides easy to interpret information for the doctor and patient on the degree of renal impairment since it approximately equates to the percentage of kidney function remaining. Application of CKD-EPI equation together with the other diagnostic tools in renal medicine will further improve the detection and management of patients with CKD.

Reference:

Levey AS, Stevens LA, Schmid CH, Zhang YL, Castro AF, 3rd, Feldman HI, et al. A new equation to estimate glomerular filtration rate. Ann Intern Med. 2009;150(9):604-12.

Method:

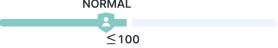
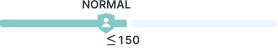
- URIC - URICASE / PEROXIDASE METHOD
- B/CR - DERIVED FROM SERUM BUN AND CREATININE VALUES
- BUN - KINETIC UV ASSAY.
- UREA - Derived from BUN Value.
- UR/CR - Derived from UREA and Sr.Creatinine values.
- SCRE - CREATININE ENZYMATIC METHOD
- CALC - ARSENAZO III METHOD, END POINT.
- EGFR - CKD-EPI Creatinine Equation

LIPID PROFILE

Parameters	Result	Unit	Reference Range
TOTAL CHOLESTEROL	134	mg/dl	 NORMAL ≤200
Technology: PHOTOMETRY			
HDL CHOLESTEROL - DIRECT	37	mg/dl	 LOW 40 60
Technology: PHOTOMETRY			

Detailed Report

LIPID PROFILE

Parameters	Result	Unit	Reference Range
HDL / LDL RATIO Technology: CALCULATED	0.43	Ratio	 NORMAL ≥0.4
LDL CHOLESTEROL - DIRECT Technology: PHOTOMETRY	85	mg/dl	 NORMAL ≤100
TC/ HDL CHOLESTEROL RATIO Technology: CALCULATED	3.6	Ratio	 NORMAL 3 - 5
TRIG / HDL RATIO Technology: CALCULATED	3.45	Ratio	 HIGH ≤3.12
TRIGLYCERIDES Technology: PHOTOMETRY	127	mg/dl	 NORMAL ≤150
LDL / HDL RATIO Technology: CALCULATED	2.3	Ratio	 NORMAL 1.5 - 3.5
NON-HDL CHOLESTEROL Technology: CALCULATED	97.1	mg/dl	 NORMAL ≤160
VLDL CHOLESTEROL Technology: CALCULATED	25.33	mg/dl	 NORMAL 5 - 40

Method:

- TRI/H - Derived from TRIG and HDL Values
- LDL - DIRECT MEASURE
- VLDL - DERIVED FROM SERUM TRIGLYCERIDE VALUES
- TRIG - ENZYMATIC, END POINT
- HD/LD - Derived from HDL and LDL values.
- HCHO - DIRECT ENZYMATIC COLORIMETRIC
- NHDL - DERIVED FROM SERUM CHOLESTEROL AND HDL VALUES
- LDL/ - DERIVED FROM SERUM HDL AND LDL VALUES
- CHOL - CHOLESTEROL OXIDASE, ESTERASE, PEROXIDASE
- TC/H - DERIVED FROM SERUM CHOLESTEROL AND HDL VALUES

Detailed Report

LIVER FUNCTION TESTS

Parameters	Result	Unit	Reference Range
ALKALINE PHOSPHATASE Technology: PHOTOMETRY	94.7	U/L	<div style="width: 100%;"><div style="width: 100%; background-color: #e0e0e0; height: 10px; border-radius: 5px;"></div><div style="width: 10%; background-color: #2e6b2e; height: 10px; border-radius: 5px; position: relative;"><div style="position: absolute; left: -5px; top: -5px; width: 0; height: 0; border-top: 5px solid transparent; border-bottom: 5px solid transparent; border-left: 10px solid #2e6b2e;"></div><div style="position: absolute; left: 0; top: 0; width: 10px; height: 10px; background-color: #fff; border-radius: 50%; border: 1px solid #2e6b2e; display: flex; align-items: center; justify-content: center;">NORMAL</div></div></div>
BILIRUBIN - TOTAL Technology: PHOTOMETRY	0.85	mg/dl	<div style="width: 100%;"><div style="width: 100%; background-color: #e0e0e0; height: 10px; border-radius: 5px;"></div><div style="width: 10%; background-color: #2e6b2e; height: 10px; border-radius: 5px; position: relative;"><div style="position: absolute; left: -5px; top: -5px; width: 0; height: 0; border-top: 5px solid transparent; border-bottom: 5px solid transparent; border-left: 10px solid #2e6b2e;"></div><div style="position: absolute; left: 0; top: 0; width: 10px; height: 10px; background-color: #fff; border-radius: 50%; border: 1px solid #2e6b2e; display: flex; align-items: center; justify-content: center;">NORMAL</div></div></div>
BILIRUBIN -DIRECT Technology: PHOTOMETRY	0.19	mg/dl	<div style="width: 100%;"><div style="width: 100%; background-color: #e0e0e0; height: 10px; border-radius: 5px;"></div><div style="width: 10%; background-color: #2e6b2e; height: 10px; border-radius: 5px; position: relative;"><div style="position: absolute; left: -5px; top: -5px; width: 0; height: 0; border-top: 5px solid transparent; border-bottom: 5px solid transparent; border-left: 10px solid #2e6b2e;"></div><div style="position: absolute; left: 0; top: 0; width: 10px; height: 10px; background-color: #fff; border-radius: 50%; border: 1px solid #2e6b2e; display: flex; align-items: center; justify-content: center;">NORMAL</div></div></div>
BILIRUBIN (INDIRECT) Technology: CALCULATED	0.66	mg/dl	<div style="width: 100%;"><div style="width: 100%; background-color: #e0e0e0; height: 10px; border-radius: 5px;"></div><div style="width: 10%; background-color: #2e6b2e; height: 10px; border-radius: 5px; position: relative;"><div style="position: absolute; left: -5px; top: -5px; width: 0; height: 0; border-top: 5px solid transparent; border-bottom: 5px solid transparent; border-left: 10px solid #2e6b2e;"></div><div style="position: absolute; left: 0; top: 0; width: 10px; height: 10px; background-color: #fff; border-radius: 50%; border: 1px solid #2e6b2e; display: flex; align-items: center; justify-content: center;">NORMAL</div></div></div>
GAMMA GLUTAMYL TRANSFERASE (GGT) Technology: PHOTOMETRY	36.9	U/l	<div style="width: 100%;"><div style="width: 100%; background-color: #e0e0e0; height: 10px; border-radius: 5px;"></div><div style="width: 10%; background-color: #2e6b2e; height: 10px; border-radius: 5px; position: relative;"><div style="position: absolute; left: -5px; top: -5px; width: 0; height: 0; border-top: 5px solid transparent; border-bottom: 5px solid transparent; border-left: 10px solid #2e6b2e;"></div><div style="position: absolute; left: 0; top: 0; width: 10px; height: 10px; background-color: #fff; border-radius: 50%; border: 1px solid #2e6b2e; display: flex; align-items: center; justify-content: center;">NORMAL</div></div></div>
SGOT / SGPT RATIO Technology: CALCULATED	0.84	Ratio	<div style="width: 100%;"><div style="width: 100%; background-color: #e0e0e0; height: 10px; border-radius: 5px;"></div><div style="width: 10%; background-color: #2e6b2e; height: 10px; border-radius: 5px; position: relative;"><div style="position: absolute; left: -5px; top: -5px; width: 0; height: 0; border-top: 5px solid transparent; border-bottom: 5px solid transparent; border-left: 10px solid #2e6b2e;"></div><div style="position: absolute; left: 0; top: 0; width: 10px; height: 10px; background-color: #fff; border-radius: 50%; border: 1px solid #2e6b2e; display: flex; align-items: center; justify-content: center;">NORMAL</div></div></div>
ASPARTATE AMINOTRANSFERASE (SGOT) Technology: PHOTOMETRY	23.2	U/l	<div style="width: 100%;"><div style="width: 100%; background-color: #e0e0e0; height: 10px; border-radius: 5px;"></div><div style="width: 10%; background-color: #2e6b2e; height: 10px; border-radius: 5px; position: relative;"><div style="position: absolute; left: -5px; top: -5px; width: 0; height: 0; border-top: 5px solid transparent; border-bottom: 5px solid transparent; border-left: 10px solid #2e6b2e;"></div><div style="position: absolute; left: 0; top: 0; width: 10px; height: 10px; background-color: #fff; border-radius: 50%; border: 1px solid #2e6b2e; display: flex; align-items: center; justify-content: center;">NORMAL</div></div></div>
ALANINE TRANSAMINASE (SGPT) Technology: PHOTOMETRY	27.5	U/l	<div style="width: 100%;"><div style="width: 100%; background-color: #e0e0e0; height: 10px; border-radius: 5px;"></div><div style="width: 10%; background-color: #2e6b2e; height: 10px; border-radius: 5px; position: relative;"><div style="position: absolute; left: -5px; top: -5px; width: 0; height: 0; border-top: 5px solid transparent; border-bottom: 5px solid transparent; border-left: 10px solid #2e6b2e;"></div><div style="position: absolute; left: 0; top: 0; width: 10px; height: 10px; background-color: #fff; border-radius: 50%; border: 1px solid #2e6b2e; display: flex; align-items: center; justify-content: center;">NORMAL</div></div></div>
PROTEIN - TOTAL Technology: PHOTOMETRY	6.76	gm/dl	<div style="width: 100%;"><div style="width: 100%; background-color: #e0e0e0; height: 10px; border-radius: 5px;"></div><div style="width: 10%; background-color: #2e6b2e; height: 10px; border-radius: 5px; position: relative;"><div style="position: absolute; left: -5px; top: -5px; width: 0; height: 0; border-top: 5px solid transparent; border-bottom: 5px solid transparent; border-left: 10px solid #2e6b2e;"></div><div style="position: absolute; left: 0; top: 0; width: 10px; height: 10px; background-color: #fff; border-radius: 50%; border: 1px solid #2e6b2e; display: flex; align-items: center; justify-content: center;">NORMAL</div></div></div>
ALBUMIN - SERUM Technology: PHOTOMETRY	4.04	gm/dl	<div style="width: 100%;"><div style="width: 100%; background-color: #e0e0e0; height: 10px; border-radius: 5px;"></div><div style="width: 10%; background-color: #2e6b2e; height: 10px; border-radius: 5px; position: relative;"><div style="position: absolute; left: -5px; top: -5px; width: 0; height: 0; border-top: 5px solid transparent; border-bottom: 5px solid transparent; border-left: 10px solid #2e6b2e;"></div><div style="position: absolute; left: 0; top: 0; width: 10px; height: 10px; background-color: #fff; border-radius: 50%; border: 1px solid #2e6b2e; display: flex; align-items: center; justify-content: center;">NORMAL</div></div></div>
SERUM GLOBULIN Technology: CALCULATED	2.72	gm/dL	<div style="width: 100%;"><div style="width: 100%; background-color: #e0e0e0; height: 10px; border-radius: 5px;"></div><div style="width: 10%; background-color: #2e6b2e; height: 10px; border-radius: 5px; position: relative;"><div style="position: absolute; left: -5px; top: -5px; width: 0; height: 0; border-top: 5px solid transparent; border-bottom: 5px solid transparent; border-left: 10px solid #2e6b2e;"></div><div style="position: absolute; left: 0; top: 0; width: 10px; height: 10px; background-color: #fff; border-radius: 50%; border: 1px solid #2e6b2e; display: flex; align-items: center; justify-content: center;">NORMAL</div></div></div>

Detailed Report

LIVER FUNCTION TESTS

Parameters	Result	Unit	Reference Range
SERUM ALB/GLOBULIN RATIO Technology: CALCULATED	1.49	Ratio	 0.9 NORMAL 2

Method:

- BILT - VANADATE OXIDATION
- PROT - BIURET METHOD
- GGT - MODIFIED IFCC METHOD
- BILI - DERIVED FROM SERUM TOTAL AND DIRECT BILIRUBIN VALUES
- ALKP - MODIFIED IFCC METHOD
- SGPT - IFCC* WITHOUT PYRIDOXAL PHOSPHATE ACTIVATION
- BILD - VANADATE OXIDATION
- SALB - ALBUMIN BCG¹METHOD (COLORIMETRIC ASSAY ENDPOINT)
- A/GR - DERIVED FROM SERUM ALBUMIN AND PROTEIN VALUES
- SEGB - DERIVED FROM SERUM ALBUMIN AND PROTEIN VALUES
- OT/PT - Derived from SGOT and SGPT values.
- SGOT - IFCC* WITHOUT PYRIDOXAL PHOSPHATE ACTIVATION

TOTAL TRIIODOTHYRONINE (T3)

Parameters	Result	Unit	Reference Range
TOTAL TRIIODOTHYRONINE (T3) Technology: C.L.I.A	103	ng/dl	 60 NORMAL 200

Method: COMPETITIVE CHEMI LUMINESCENT IMMUNO ASSAY

TOTAL THYROXINE (T4)

Parameters	Result	Unit	Reference Range
TOTAL THYROXINE (T4) Technology: C.L.I.A	7.2	µg/dl	 4.5 NORMAL 12

Method: COMPETITIVE CHEMI LUMINESCENT IMMUNO ASSAY

Detailed Report

TSH - ULTRASENSITIVE

Parameters	Result	Unit	Reference Range
TSH - ULTRASENSITIVE Technology: C.M.I.A	0.47	μIU/ml	

Method: FULLY AUTOMATED CHEMILUMINESCENT MICROPARTICLE IMMUNOASSAY

25-OH VITAMIN D (TOTAL)

Parameters	Result	Unit	Reference Range
25-OH VITAMIN D (TOTAL) Technology: C.L.I.A	16.69	ng/ml	

Method: FULLY AUTOMATED CHEMI LUMINESCENT IMMUNO ASSAY

Clinical Significance:

Vitamin D is a fat soluble vitamin that has been known to help the body absorb and retain calcium and phosphorous; both are critical for building bone health. Decrease in vitamin D total levels indicate inadequate exposure of sunlight, dietary deficiency, nephrotic syndrome. Increase in vitamin D total levels indicate Vitamin D intoxication.

Specifications: Precision: Intra assay (%CV):5.3%, Inter assay (%CV):11.9% ; Sensitivity:3.2 ng/ml.

Kit Validation Reference: Holick MF. Vitamin D Deficiency. N Engl J Med. 2007;357:266-81.

VITAMIN B-12

Parameters	Result	Unit	Reference Range
VITAMIN B-12 Technology: C.L.I.A Reference Range: Normal : 211 - 911 pg/ml	817	pg/ml	

Method: COMPETITIVE CHEMI LUMINESCENT IMMUNO ASSAY

Clinical significance :

Vitamin B12 or cyanocobalamin, is a complex corrinoid compound found exclusively from animal dietary sources, such as meat, eggs and milk. It is critical in normal DNA synthesis, which in turn affects erythrocyte maturation and in the formation of myelin sheath. Vitamin-B12 is used to find out neurological abnormalities and impaired DNA synthesis associated with macrocytic anemias. For diagnostic purpose, results should always be assessed in conjunction with the patients medical history, clinical examination and other findings.

Specifications: Intra assay (%CV):5.0%, Inter assay (%CV):9.2 %;Sensitivity:45 pg/ml

Kit Validation reference:

Chen IW, Sperling MI, Heminger LA. Vitamin B12. In: Pesce AJ, Kaplan LA, eds. Methods in Clinical Chemistry. St. Louis: CV Mosby; 1987:569-73.

Sample Collected on (SCT): 20 Dec 2022 08:36

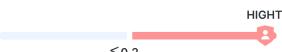
Sample Received on (SRT): 20 Dec 2022 11:57

Report Released on (RR): 20 Dec 2022 07:14

Sample Type : SERUM

Detailed Report

COMPLETE URINE ANALYSIS

Parameters	Result	Unit	Reference Range
VOLUME Technology: MICROSCOPY	3	mL	-
COLOUR Technology: MICROSCOPY	PALE YELLOW	-	Pale Yellow
APPEARANCE Technology: MICROSCOPY	CLEAR	-	Clear
SPECIFIC GRAVITY Technology: MICROSCOPY	1.030	-	 1.003 NORMAL 1.03
PH Technology: MICROSCOPY	5.5	-	 5 NORMAL 8
URINARY PROTEIN Technology: MICROSCOPY	ABSENT	mg/dl	Absent
URINARY GLUCOSE Technology: MICROSCOPY	ABSENT	mg/dl	Absent
URINE KETONE Technology: MICROSCOPY	ABSENT	mg/dl	Absent
URINARY BILIRUBIN Technology: MICROSCOPY	1	mg/dl	Absent
UROBILINOGEN Technology: MICROSCOPY	1	mg/dl	 >0.2 HIGH
BILE SALT Technology: MICROSCOPY	ABSENT	-	Absent
BILE PIGMENT Technology: MICROSCOPY	ABSENT	-	Absent
URINE BLOOD Technology: MICROSCOPY	ABSENT	Cells/uL*	Absent

Detailed Report

COMPLETE URINE ANALYSIS

Parameters	Result	Unit	Reference Range
NITRITE Technology: MICROSCOPY	ABSENT	-	Absent
MICROALBUMIN Technology: MICROSCOPY	80	mg/l	 HIGHT
MUCUS Technology: MICROSCOPY	ABSENT	-	Absent
RED BLOOD CELLS Technology: MICROSCOPY	ABSENT	Cells/uL*	Absent
URINARY LEUCOCYTES (PUS CELLS) Technology: MICROSCOPY	ABSENT	Cells/uL*	Absent
EPITHELIAL CELLS Technology: MICROSCOPY	1 - 2	-	 NORMAL
CASTS Technology: MICROSCOPY	ABSENT	-	Absent
CRYSTALS Technology: MICROSCOPY	ABSENT	-	Absent
BACTERIA Technology: MICROSCOPY	ABSENT	-	Absent
YEAST Technology: MICROSCOPY	ABSENT	-	Absent
PARASITE Technology: MICROSCOPY	ABSENT	-	Absent

Method:

- UMUC - MICROSCOPY
- UBLD - MICROSCOPY
- UNIT - MICROSCOPY
- UEPIT - MICROSCOPY
- UBACT - MICROSCOPY
- UPH - MICROSCOPY
- ULEUC - MICROSCOPY
- UKET - MICROSCOPY
- UYST - MICROSCOPY
- UBNGN - MICROSCOPY
- UCCOLO - MICROSCOPY
- UPAR - MICROSCOPY
- UBPIG - MICROSCOPY
- SPGR - MICROSCOPY

Detailed Report

- UPROT - MICROSCOPY
- UAPPE - MICROSCOPY
- UVOL - MICROSCOPY
- UCAST - MICROSCOPY
- UBSAL - MICROSCOPY
- UCRYSTALS - MICROSCOPY
- UBIL - MICROSCOPY
- URBC - MICROSCOPY
- UGLU - MICROSCOPY
- UMAB - MICROSCOPY

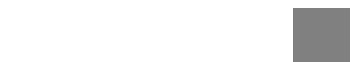
* To Obtain Counts in Cells / HPF Divide the Cells / ul by 5

Sample Collected on (SCT): 20 Dec 2022 08:36



Sample Type : URINE
 Labcode : 2012070389/DG007
 Barcode : AI617078

Sample Received on (SRT): 20 Dec 2022 12:00



Report Released on (RRT): 20 Dec 2022 02:42



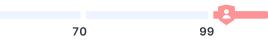
Note: Underlined values are critical Values, Clinician's attention required.

Dr Kuldeep Singh MD(Path)

Dr Sachin Patil MD(Path)

Detailed Report

FASTING BLOOD SUGAR(GLUCOSE)

Parameters	Result	Unit	Reference Range
FASTING BLOOD SUGAR(GLUCOSE) Technology: PHOTOMETRY	<u>122.6</u>	mg/dL	

Method: GOD-PAP METHOD

Note :

The assay could be affected mildly and may result in anomalous values if serum samples have heterophilic antibodies, hemolyzed , icteric or lipemic. The concentration of Glucose in a given specimen may vary due to differences in assay methods, calibration and reagent specificity. For diagnostic purposes results should always be assessed in conjunction with patients medical history, clinical findings and other findings.

Sample Collected on (SCT): 20 Dec 2022 08:36

Sample Received on (SRT): 20 Dec 2022 11:47

Report Released on (RRT): 20 Dec 2022 02:42



Sample Type : FLUORIDE
 Labcode : 2012070109/DG007
 Barcode : AM139505



Note: Underlined values are critical Values, Clinician's attention required.

Dr Kuldeep Singh MD(Path)

Dr Sachin Patil MD(Path)

Terms & Conditions

Conditions of Reporting

- The reported results are for information and interpretation of the referring doctor only. Only such medical professionals who understand reporting units, reference ranges and limitations of technologies should interpret results.
- It is presumed that the tests performed on the specimen belong to the patient, named or identified.
- Results of tests may vary from laboratory to laboratory and also in some parameters from time to time for the same patient.
- Should the results indicate an unexpected abnormality, the same should be reconfirmed.
- This report is not valid for medico-legal purpose.
- Neither API Holdings Limited, nor its employees/representatives assume any liability, responsibility for any loss or damage that may be incurred by any person as a result of presuming the meaning or contents of the report.
- The tests are clinically tested by Thyrocare Technologies Limited.
- For any support please contact at +91 7022000900 between 6am to 11pm.

Explanations

- Majority of the specimen processed in the laboratory are collected by Pathologists / Hospitals / Franchise Partners we call them as "Clients".
- Patient Name: The name is as declared by the client and recorded by the personnel who collected the specimen.
- Referred by: The name of the doctor who has recommended testing as declared by the client (if applicable).
- Labcode: This is the accession number in our laboratory and it helps us in archiving and retrieving the data.
- Barcode: This is the specimen identity number and it states that the results are for the specimen bearing the barcode (irrespective of the name).
- Collection: This is the location where the blood or specimen was collected as declared by the client.
- Specimen Collection Time (SCT): The time when specimen was collected as declared by the client.
- Specimen Receiving Time (SRT): This time when the specimen reached our laboratory.
- Report Releasing Time (RRT): The time when our pathologist has released the values for reporting.
- Reference Range: Means the range of values in which 95% of the normal population would fall.



-  Technically certified phlebotomists
-  Report verified by expert pathologists
-  Unique bar code tracking for every sample
-  Sample tested by fully automated machines
-  Temperature controlled sample logistics