

Report for Roshani Sharma(27Y/F)

Tests asked Healthy 2022 Full Body Checkup

Test date 07 Aug 2022

Report status Complete Report



6^{STEP} quality control to ensure 100% report accuracy



Qualified and trained technicians



Temperature-controlled containers to store samples



Strict quality checks on samples before processing



Regular monitoring of lab analyzers by experts



Assured machine inspection on a daily basis



Verified reports by qualified pathologists



25+ Years of Trust & Experience



NABL Accredited Labs



100+ Crore Samples Processed

Name : ROSHANI SHARMA(27Y/F)

Ref. By : SELF

ADDRESS :

C30 OMKAR SIKHAR TARSALI BYPASS NEAR
ADARSH NAGAR CHIKHODARA VADODARA

Report Availability Summary

☒ Full Report Available

Note : This is summary page. Please refer to the table below for the details

Test	Report Status
HEALTHY 2022 FULL BODY CHECKUP	<input checked="" type="checkbox"/> Available
CHLORIDE	<input checked="" type="checkbox"/> Available
FASTING BLOOD SUGAR(GLUCOSE)	<input checked="" type="checkbox"/> Available
HbA1c	<input checked="" type="checkbox"/> Available
HEMOGRAM - 6 PART (DIFF)	<input checked="" type="checkbox"/> Available
IRON	<input checked="" type="checkbox"/> Available
KIDPRO	<input checked="" type="checkbox"/> Available
LIPID PROFILE	<input checked="" type="checkbox"/> Available
LIVER FUNCTION TESTS	<input checked="" type="checkbox"/> Available
SODIUM	<input checked="" type="checkbox"/> Available
T3-T4-TSH	<input checked="" type="checkbox"/> Available
TOTAL IRON BINDING CAPACITY (TIBC)	<input checked="" type="checkbox"/> Available

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

Clinically Tested by : Thyrocare Technologies Ltd.

NAME : ROSHANI SHARMA(27Y/F)
REF. BY : SELF
TEST ASKED : HEALTHY 2022 FULL BODY CHECKUP


HOME COLLECTION :
C30 OMKAR SIKHAR TARSALI BYPASS NEAR
ADARSH NAGAR CHIKHODARA VADODARA

TEST NAME	TECHNOLOGY	VALUE	UNITS
FASTING BLOOD SUGAR(GLUCOSE)	PHOTOMETRY	84.9	mg/dL
Reference Range :-			
70-99			

Please correlate with clinical conditions.

Method:- GOD-PAP METHOD

Sample Collected on (SCT) : 07 Aug 2022 09:32
Sample Received on (SRT) : 07 Aug 2022 16:02
Report Released on (RRT) : 07 Aug 2022 16:48
Sample Type : FLUORIDE
Labcode : 0708084395/DG007
Barcode : Z4763308


Dr Yukti Shah, MD (Path)
Dr. Caesar Sengupta MD(Micro)

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NAME : ROSHANI SHARMA(27Y/F)
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HOME COLLECTION :
 C30 OMKAR SIKHAR TARSALI BYPASS NEAR
 ADARSH NAGAR CHIKHODARA VADODARA

TEST NAME	TECHNOLOGY	VALUE	UNITS
IRON	PHOTOMETRY	<u>22</u>	µg/dl
Reference Range : Male : 65 - 175 Female : 50 - 170 Method : FERROZINE METHOD WITHOUT DEPROTEINIZATION			
TOTAL IRON BINDING CAPACITY (TIBC)	PHOTOMETRY	404.2	µg/dl
Reference Range : Male: 225 - 535 µg/dl Female: 215 - 535 µg/dl Method : SPECTROPHOTOMETRIC ASSAY			
% TRANSFERRIN SATURATION	CALCULATED	<u>5.44</u>	%
Reference Range : 13 - 45 Method : DERIVED FROM IRON AND TIBC VALUES			
Please correlate with clinical conditions.			

Sample Collected on (SCT) : 07 Aug 2022 09:32
Sample Received on (SRT) : 07 Aug 2022 16:02
Report Released on (RRT) : 07 Aug 2022 20:15
Sample Type : SERUM
Labcode : 0708084427/DG007
Barcode : Z8132995


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 C30 OMKAR SIKHAR TARSALI BYPASS NEAR ADARSH
 NAGAR CHIKHODARA VADODARA

TEST NAME	TECHNOLOGY	VALUE	UNITS	NORMAL RANGE
TOTAL CHOLESTEROL	PHOTOMETRY	157	mg/dl	< 200
HDL CHOLESTEROL - DIRECT	PHOTOMETRY	43	mg/dl	40-60
HDL / LDL RATIO	CALCULATED	<u>0.39</u>	Ratio	> 0.40
LDL CHOLESTEROL - DIRECT	PHOTOMETRY	<u>111</u>	mg/dl	< 100
TRIG / HDL RATIO	CALCULATED	1.03	Ratio	< 3.12
TRIGLYCERIDES	PHOTOMETRY	44	mg/dl	< 150
TC/ HDL CHOLESTEROL RATIO	CALCULATED	3.6	Ratio	3 - 5
LDL / HDL RATIO	CALCULATED	2.6	Ratio	1.5-3.5
NON-HDL CHOLESTEROL	CALCULATED	114.2	mg/dl	< 160
VLDL CHOLESTEROL	CALCULATED	8.88	mg/dl	5 - 40

Please correlate with clinical conditions.

Method :

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

***REFERENCE RANGES AS PER NCEP ATP III GUIDELINES:**

TOTAL CHOLESTEROL	(mg/dl)	HDL	(mg/dl)	LDL	(mg/dl)	TRIGLYCERIDES	(mg/dl)
DESIRABLE	<200	LOW	<40	OPTIMAL	<100	NORMAL	<150
BORDERLINE HIGH	200-239	HIGH	>60	NEAR OPTIMAL	100-129	BORDERLINE HIGH	150-199
HIGH	>240			BORDERLINE HIGH	130-159	HIGH	200-499
				HIGH	160-189	VERY HIGH	>500
				VERY HIGH	>190		

Alert !!! 10-12 hours fasting is mandatory for lipid parameters. If not, values might fluctuate.

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 NAGAR CHIKHODARA VADODARA

TEST NAME	TECHNOLOGY	VALUE	UNITS	NORMAL RANGE
ALKALINE PHOSPHATASE	PHOTOMETRY	<u>451.12</u>	U/L	45 - 129
BILIRUBIN - TOTAL	PHOTOMETRY	0.71	mg/dl	0.3-1.2
BILIRUBIN -DIRECT	PHOTOMETRY	0.15	mg/dl	< 0.3
BILIRUBIN (INDIRECT)	CALCULATED	0.56	mg/dl	0-0.9
GAMMA GLUTAMYL TRANSFERASE (GGT)	PHOTOMETRY	17.8	U/l	< 38
SGOT / SGPT RATIO	CALCULATED	1.29	Ratio	< 2
ASPARTATE AMINOTRANSFERASE (SGOT)	PHOTOMETRY	28.7	U/l	< 31
ALANINE TRANSAMINASE (SGPT)	PHOTOMETRY	22.3	U/l	< 34
PROTEIN - TOTAL	PHOTOMETRY	6.79	gm/dl	5.7-8.2
ALBUMIN - SERUM	PHOTOMETRY	3.79	gm/dl	3.2-4.8
SERUM GLOBULIN	CALCULATED	3	gm/dL	2.50-3.40
SERUM ALB/GLOBULIN RATIO	CALCULATED	1.26	Ratio	0.9 - 2

Please correlate with clinical conditions.

Method :

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

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TEST NAME	TECHNOLOGY	VALUE	UNITS	NORMAL RANGE
UREA (CALCULATED)	CALCULATED	<u>12.84</u>	Ratio	Adult : 17-43
BLOOD UREA NITROGEN (BUN)	PHOTOMETRY	<u>6</u>	mg/dl	7 - 25
UREA / SR.CREATININE RATIO	CALCULATED	24.69	Ratio	< 52
CREATININE - SERUM	PHOTOMETRY	0.52	mg/dl	0.5-0.8
BUN / SR.CREATININE RATIO	CALCULATED	11.54	Ratio	9:1-23:1
CALCIUM	PHOTOMETRY	<u>8.02</u>	mg/dl	8.8-10.6
URIC ACID	PHOTOMETRY	<u>2.77</u>	mg/dl	3.2 - 6.1
SODIUM	I.S.E	<u>135.9</u>	mmol/l	136 - 145
CHLORIDE	I.S.E	104.6	mmol/l	98 - 107

Please correlate with clinical conditions.

Method :

UREAC - Derived from BUN Value.
 BUN - KINETIC UV ASSAY.
 UR/CR - Derived from UREA and Sr.Creatinine values.
 SCRE - CREATININE ENZYMATIC METHOD
 B/CR - DERIVED FROM SERUM BUN AND CREATININE VALUES
 CALC - ARSENazo III METHOD, END POINT.
 URIC - URICASE / PEROXIDASE METHOD
 SOD - ION SELECTIVE ELECTRODE
 CHL - ION SELECTIVE ELECTRODE

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NAGAR CHIKHODARA VADODARA

TEST NAME	TECHNOLOGY	VALUE	UNITS	REFERENCE RANGE
TOTAL TRIIODOTHYRONINE (T3)	C.L.I.A	142	ng/dl	60-200
TOTAL THYROXINE (T4)	C.L.I.A	6.6	µg/dl	4.5-12
THYROID STIMULATING HORMONE (TSH)	C.L.I.A	2.11	µIU/ml	0.3-5.5

Comments : SUGGESTING THYRONORMALCY

Please correlate with clinical conditions.

Method :

T3 - COMPETITIVE CHEMI LUMINESCENT IMMUNO ASSAY

T4 - COMPETITIVE CHEMI LUMINESCENT IMMUNO ASSAY

TSH - SANDWICH CHEMI LUMINESCENT IMMUNO ASSAY

Pregnancy reference ranges for TSH

1st Trimester : 0.10 - 2.50


2nd Trimester : 0.20 - 3.00

3rd Trimester : 0.30 - 3.00

Reference:

Guidelines of American Thyroid Association for the Diagnosis and Management of Thyroid Disease During Pregnancy and Postpartum, Thyroid, 2011, 21; 1-46

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TEST NAME	TECHNOLOGY	VALUE	UNITS
EST. GLOMERULAR FILTRATION RATE (eGFR)	CALCULATED	131	mL/min/1.73 m2

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.

Please correlate with clinical conditions.

Method:- CKD-EPI Creatinine Equation

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TEST NAME	TECHNOLOGY	VALUE	UNITS
HbA1c - (HPLC)	H.P.L.C	5	%

Reference Range :

Reference Range: As per ADA Guidelines

Below 5.7% : Normal
 5.7% - 6.4% : Prediabetic
 >=6.5% : Diabetic

Guidance For Known Diabetics

Below 6.5% : Good Control
 6.5% - 7% : Fair Control
 7.0% - 8% : Unsatisfactory Control
 >8% : Poor Control

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

AVERAGE BLOOD GLUCOSE (ABG)	CALCULATED	97	mg/dl
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Reference Range :

90 - 120 mg/dl : Good Control
 121 - 150 mg/dl : Fair Control
 151 - 180 mg/dl : Unsatisfactory Control
 > 180 mg/dl : Poor Control

Method : Derived from HBA1c values

Please correlate with clinical conditions.

Sample Collected on (SCT) : 07 Aug 2022 09:32
Sample Received on (SRT) : 07 Aug 2022 16:02
Report Released on (RRT) : 07 Aug 2022 17:57
Sample Type : EDTA
Labcode : 0708084368/DG007
Barcode : Z8423500



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TEST ASKED : HEALTHY 2022 FULL BODY CHECKUP

HOME COLLECTION :
 C30 OMKAR SIKHAR TARSALI BYPASS NEAR
 ADARSH NAGAR CHIKHODARA VADODARA

TEST NAME	VALUE	UNITS	REFERENCE RANGE
TOTAL LEUCOCYTES COUNT (WBC)	8.85	X 10 ³ / µL	4.0-10.0
NEUTROPHILS	58.8	%	40-80
LYMPHOCYTE PERCENTAGE	33.1	%	20.0-40.0
MONOCYTES	6.2	%	0.0-10.0
EOSINOPHILS	1.1	%	0.0-6.0
BASOPHILS	0.5	%	<2
IMMATURE GRANULOCYTE PERCENTAGE(IG%)	0.3	%	0.0-0.4
NEUTROPHILS - ABSOLUTE COUNT	5.2	X 10 ³ / µL	2.0-7.0
LYMPHOCYTES - ABSOLUTE COUNT	2.93	X 10 ³ / µL	1.0-3.0
MONOCYTES - ABSOLUTE COUNT	0.55	X 10 ³ / µL	0.2-1.0
BASOPHILS - ABSOLUTE COUNT	0.04	X 10 ³ / µL	0.02-0.1
EOSINOPHILS - ABSOLUTE COUNT	0.1	X 10 ³ / µL	0.02-0.5
IMMATURE GRANULOCYTES(IG)	0.03	X 10 ³ / µL	0.0-0.3
TOTAL RBC	4.46	X 10 ⁶ /µL	3.9-4.8
NUCLEATED RED BLOOD CELLS	Nil	X 10 ³ / µL	<0.01
NUCLEATED RED BLOOD CELLS %	Nil	%	<0.01
HEMOGLOBIN	<u>10.8</u>	g/dL	12.0-15.0
HEMATOCRIT(PCV)	38.2	%	36.0-46.0
MEAN CORPUSCULAR VOLUME(MCV)	85.7	fL	83.0-101.0
MEAN CORPUSCULAR HEMOGLOBIN(MCH)	<u>24.2</u>	pq	27.0-32.0
MEAN CORP.HEMO.CONC(MCHC)	<u>28.3</u>	g/dL	31.5-34.5
RED CELL DISTRIBUTION WIDTH - SD(RDW-SD)	<u>57.2</u>	fL	39.0-46.0
RED CELL DISTRIBUTION WIDTH (RDW-CV)	<u>18.4</u>	%	11.6-14.0
PLATELET DISTRIBUTION WIDTH(PDW)	10.3	fL	9.6-15.2
MEAN PLATELET VOLUME(MPV)	9.7	fL	6.5-12
PLATELET COUNT	<u>459</u>	X 10³ / µL	150-400
PLATELET TO LARGE CELL RATIO(PLCR)	22.7	%	19.7-42.4
PLATELETCRIT(PCT)	<u>0.45</u>	%	0.19-0.39

Remarks : Alert!!! RBCs:Moderate anisocytosis mild poikilocytosis. Predominantly normocytic normochromic with microcytes & ovalocytes. Platelets:Appear adequate in smear.

Please Correlate with clinical conditions.

Method : Fully automated bidirectional analyser (6 Part Differential SYSMEX XN-1000)

(This device performs hematology analyses according to the Hydrodynamic Focussing (DC method), Flow Cytometry Method (using a semiconductor laser), and SLS- hemoglobin method)

~~ End of report ~~

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