Thyrocare

Tests you can trust

Name : Manish Kumar Sinha(36Y/M)

Date : 19 May 2024

Test Asked : Executive Health Checkup Below 40 Yrs With Utsh

9 out of 10 Doctors trust that Thyrocare **reports are accurate & reliable***

98% Reports released within **06 Hours** of sample reaching the lab+

Samples Processed in **NABL Accredited** Labs#

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Temperature-Controlled Sample Logistics

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Fully Automated Machines Inspected Daily

Abnormal Values Re-Checked Twice

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ISO 9001: 2015 - From 2015

CAP From 2007

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*9 out of 10 Doctors Trust that Thyrocare Reports are **Accurate & Reliable***

NAME	: MANISH KUMAR SINHA(36Y/M)	**HOME COLLECTION :**	
REF. BY	: SELF	236 SIDHESWAR NAGAR MAINPURA IN FRONT OF GATE NO 41 PATNA- PATNA BIHAR INDIA 800001-800001	
TEST ASKED	: EXECUTIVE HEALTH CHECKUP BELOW 40 YRS WITH UTSH		
MOBILE NO	: 8910205855	**PAN ID** :	457035
DOB	: 10/13/1987		

Summary Report

Tests outside reference range

TEST NAME	OBSERVED VALUE	UNITS	Bio. Ref. Interval.
COMPLETE HEMOGRAM			
MEAN CORP.HEMO.CONC(MCHC)	29.9	g/dL	31.5-34.5
MEAN CORPUSCULAR VOLUME(MCV)	103.4	fL	83.0-101.0
MONOCYTES - ABSOLUTE COUNT	0.18	X 10^3 / µL	0.2 - 1.0
PLATELET COUNT	120	X 10^3 / µL	150-410
TOTAL RBC	4.4	X 10^6/µL	4.5-5.5
LIPID			
HDL / LDL RATIO	0.33	Ratio	> 0.40
HDL CHOLESTEROL - DIRECT	39	mg/dL	40-60
LDL CHOLESTEROL - DIRECT	119	mg/dL	< 100
TRIG / HDL RATIO	4.71	Ratio	< 3.12
TRIGLYCERIDES	184	mg/dL	< 150
LIVER			
ALANINE TRANSAMINASE (SGPT)	47.5	U/L	< 45
RENAL			
BUN / SR.CREATININE RATIO	27.9	Ratio	9:1-23:1
CREATININE - SERUM	0.61	mg/dL	0.72-1.18
UREA / SR.CREATININE RATIO	59.71	Ratio	< 52

Disclaimer: The above listed is the summary of the parameters with values outside the BRI. For detailed report values, parameter correlation and clinical interpretation, kindly refer to the same in subsequent pages.

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MOBILE NO	: 8910205855	**PAN ID** :	457035
DOB	: 10/13/1987		

TEST NAME	TECHNOLOGY	VALUE	UNITS
HbA1c - (HPLC)			
	H.P.L.C	5.3	%

Bio. Ref. Interval. :

Bio. Ref. Interval.: As per ADA Guidelines	Guidance For Known Diabetics
Below 5.7% : Normal 5.7% - 6.4% : Prediabetic >=6.5% : Diabetic	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 method

AVERAGE BLOOD GLUCOSE (ABG)	CALCULATED	105	mg/dL

Bio. Ref. Interval. :

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)	:19 May 2024 07:28
Sample Received on (SRT)	: 19 May 2024 15:19
Report Released on (RRT)	: 19 May 2024 19:24
Sample Type	:EDTA Whole Blood
Labcode	:1905086712/HCL01
Barcode	:CG953784

Dr T Priyanka MD(Path)

Dr R Kumar MD (Path)

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NAME : MANISH KUMAR SINHA(36Y/M)
REF. BY : SELF
TEST ASKED : EXECUTIVE HEALTH CHECKUP BELOW 40 YRS WITH UTSH

HOME COLLECTION :
236 SIDHESWAR NAGAR MAINPURA IN FRONT OF GATE NO 41 PATNA- PATNA BIHAR INDIA 800001-800001

MOBILE NO : 8910205855
PAN ID : 457035
DOB : 10/13/1987

TEST NAME	METHODOLOGY	VALUE	UNITS	Bio. Ref. Interval.
HEMOGLOBIN	SLS-Hemoglobin Method	13.6	g/dL	13.0-17.0
HEMATOCRIT(PCV)	CPH Detection	45.5	%	40.0-50.0
TOTAL RBC	**HF & EI**	**4.4**	**X 10^6/µL**	**4.5-5.5**
MEAN CORPUSCULAR VOLUME(MCV)	**Calculated**	**103.4**	**fL**	**83.0-101.0**
MEAN CORPUSCULAR HEMOGLOBIN(MCH)	Calculated	30.9	pq	27.0-32.0
MEAN CORP.HEMO.CONC(MCHC)	**Calculated**	**29.9**	**g/dL**	**31.5-34.5**
RED CELL DISTRIBUTION WIDTH (RDW-CV)	Calculated	13.1	%	11.6-14
TOTAL LEUCOCYTES COUNT (WBC)	HF & FC	6.28	X 10^3 / µL	4.0 - 10.0
NEUTROPHILS	Flow Cytometry	53.8	%	40-80
LYMPHOCYTE	Flow Cytometry	36.9	%	20-40
EOSINOPHILS	Flow Cytometry	5.7	%	1-6
MONOCYTES	Flow Cytometry	2.9	%	2-10
BASOPHILS	Flow Cytometry	0.3	%	0-2
NEUTROPHILS - ABSOLUTE COUNT	Calculated	3.38	X 10^3 / µL	2.0-7.0
LYMPHOCYTES - ABSOLUTE COUNT	Calculated	2.32	X 10^3 / µL	1.0-3.0
EOSINOPHILS - ABSOLUTE COUNT	Calculated	0.36	X 10^3 / µL	0.02 - 0.5
MONOCYTES - ABSOLUTE COUNT	**Calculated**	**0.18**	**X 10^3 / µL**	**0.2 - 1.0**
BASOPHILS - ABSOLUTE COUNT	Calculated	0.02	X 10^3 / µL	0.02 - 0.1
PLATELET COUNT	**HF & EI**	**120**	**X 10^3 / µL**	**150-410**
IMMATURE GRANULOCYTES(IG)	Calculated	0.03	X 10^3 / µL	0-0.3
IMMATURE GRANULOCYTE PERCENTAGE(IG%)	Flow Cytometry	0.4	%	0-0.5
NUCLEATED RED BLOOD CELLS	Calculated	0.01	X 10^3 / µL	0.0-0.5
NUCLEATED RED BLOOD CELLS %	Flow Cytometry	0.1	%	0.0-5.0

Please Correlate with clinical conditions.
Method : Fully automated bidirectional analyser (6 Part Differential SYSMEX XN-1000)
(Reference : *FC- flowcytometry, *HF- hydrodynamic focussing, *EI- Electric Impedence, *Hb- hemoglobin, *CPH- Cumulative pulse height**)**

Sample Collected on (SCT) : 19 May 2024 07:28
Sample Received on (SRT) : 19 May 2024 15:19
Report Released on (RRT) : 19 May 2024 19:24
Sample Type : EDTA Whole Blood
Labcode : 1905086712/HCL01
Barcode : CG953784

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TEST ASKED	: EXECUTIVE HEALTH CHECKUP BELOW 40 YRS WITH UTSH		
MOBILE NO	: 8910205855	**PAN ID** :	457035
DOB	: 10/13/1987		

TEST NAME	TECHNOLOGY	VALUE	UNITS
FASTING BLOOD SUGAR(GLUCOSE)	PHOTOMETRY	98	mg/dL

Bio. Ref. Interval. :-

As per ADA Guideline: Fasting Plasma Glucose (FPG)	
Normal	70 to 100 mg/dl
Prediabetes	100 mg/dl to 125 mg/dl
Diabetes	126 mg/dl or higher

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.

Please correlate with clinical conditions.

Method:- GOD-PAP METHOD

Sample Collected on (SCT)	: 19 May 2024 07:28
Sample Received on (SRT)	: 19 May 2024 15:23
Report Released on (RRT)	: 19 May 2024 16:12
Sample Type	: FLUORIDE
Labcode	: 1905087400/HCL01
Barcode	: CF038487

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TEST ASKED : EXECUTIVE HEALTH CHECKUP BELOW 40 YRS WITH UTSH

HOME COLLECTION :
236 SIDHESWAR NAGAR MAINPURA IN FRONT OF GATE NO 41 PATNA- PATNA BIHAR INDIA 800001-800001

MOBILE NO : 8910205855
DOB : 10/13/1987

PAN ID : 457035

TEST NAME	METHODOLOGY	VALUE	UNITS	Bio. Ref. Interval.
Complete Urinogram				
Physical Examination				
VOLUME	Visual Determination	>=5	mL	-
COLOUR	Visual Determination	PALE YELLOW	-	Pale Yellow
APPEARANCE	Visual Determination	CLEAR	-	Clear
SPECIFIC GRAVITY	pKa change	1.025	-	1.003-1.030
PH	pH indicator	6	-	5-8
Chemical Examination				
URINARY PROTEIN	PEI	ABSENT	mg/dL	Absent
URINARY GLUCOSE	GOD-POD	ABSENT	mg/dL	Absent
URINE KETONE	Nitroprusside	ABSENT	mg/dL	Absent
URINARY BILIRUBIN	Diazo coupling	ABSENT	mg/dL	Absent
UROBILINOGEN	Diazo coupling	Normal	mg/dL	<=0.2
BILE SALT	Hays sulphur	ABSENT	-	Absent
BILE PIGMENT	Ehrlich reaction	ABSENT	-	Absent
URINE BLOOD	Peroxidase reaction	ABSENT	-	Absent
NITRITE	Diazo coupling	ABSENT	-	Absent
LEUCOCYTE ESTERASE	Esterase reaction	ABSENT	-	Absent
Microscopic Examination				
MUCUS	Microscopy	ABSENT	-	Absent
RED BLOOD CELLS	Microscopy	ABSENT	cells/HPF	0-5
URINARY LEUCOCYTES (PUS CELLS)	Microscopy	ABSENT	cells/HPF	0-5
EPITHELIAL CELLS	Microscopy	ABSENT	cells/HPF	0-5
CASTS	Microscopy	ABSENT	-	Absent
CRYSTALS	Microscopy	ABSENT	-	Absent
BACTERIA	Microscopy	ABSENT	-	Absent
YEAST	Microscopy	ABSENT	-	Absent
PARASITE	Microscopy	ABSENT	-	Absent

(Reference : *PEI - Protein error of indicator, *GOD-POD - Glucose oxidase-peroxidase**)**

Sample Collected on (SCT) : 19 May 2024 07:28
Sample Received on (SRT) : 19 May 2024 15:49
Report Released on (RRT) : 19 May 2024 17:10
Sample Type : URINE
Labcode : 1905089356/HCL01
Barcode : BT586814

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TEST ASKED : EXECUTIVE HEALTH CHECKUP BELOW 40 YRS WITH UTSH

HOME COLLECTION :
236 SIDHESWAR NAGAR MAINPURA IN FRONT OF GATE NO 41 PATNA- PATNA BIHAR INDIA 800001-800001

MOBILE NO : 8910205855
DOB : 10/13/1987

PAN ID : 457035

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
TOTAL CHOLESTEROL	PHOTOMETRY	152	mg/dL	< 200
HDL CHOLESTEROL - DIRECT	**PHOTOMETRY**	**39**	**mg/dL**	**40-60**
LDL CHOLESTEROL - DIRECT	**PHOTOMETRY**	**119**	**mg/dL**	**< 100**
TRIGLYCERIDES	**PHOTOMETRY**	**184**	**mg/dL**	**< 150**
TC/ HDL CHOLESTEROL RATIO	CALCULATED	3.9	Ratio	3 - 5
TRIG / HDL RATIO	**CALCULATED**	**4.71**	**Ratio**	**< 3.12**
LDL / HDL RATIO	CALCULATED	3	Ratio	1.5-3.5
HDL / LDL RATIO	**CALCULATED**	**0.33**	**Ratio**	**> 0.40**
VLDL CHOLESTEROL	CALCULATED	36.72	mg/dL	5 - 40

Please correlate with clinical conditions.

Method :

CHOL - Cholesterol Oxidase, Esterase, Peroxidase
HCHO - Direct Enzymatic Colorimetric
LDL - Direct Measure
TRIG - Enzymatic, End Point
TC/H - Derived from serum Cholesterol and Hdl values
TRI/H - Derived from TRIG and HDL Values
LDL/ - Derived from serum HDL and LDL Values
HD/LD - Derived from HDL and LDL 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.

Sample Collected on (SCT) : 19 May 2024 07:28
Sample Received on (SRT) : 19 May 2024 15:26
Report Released on (RRT) : 19 May 2024 19:12
Sample Type : SERUM
Labcode : 1905087670/HCL01
Barcode : CE474682

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Dr R Kumar MD (Path)

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TEST ASKED : EXECUTIVE HEALTH CHECKUP BELOW 40 YRS WITH UTSH

HOME COLLECTION :
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MOBILE NO : 8910205855
DOB : 10/13/1987

PAN ID : 457035

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
BLOOD UREA NITROGEN (BUN)	PHOTOMETRY	17.02	mg/dL	7.94 - 20.07
CREATININE - SERUM	**PHOTOMETRY**	**0.61**	**mg/dL**	**0.72-1.18**
BUN / SR.CREATININE RATIO	**CALCULATED**	**27.9**	**Ratio**	**9:1-23:1**
UREA (CALCULATED)	CALCULATED	36.42	mg/dL	Adult : 17-43
UREA / SR.CREATININE RATIO	**CALCULATED**	**59.71**	**Ratio**	**< 52**
URIC ACID	PHOTOMETRY	5.68	mg/dL	4.2 - 7.3

Please correlate with clinical conditions.

Method :

BUN - Kinetic UV Assay.
SCRE - Creatinine Enzymatic Method
B/CR - Derived from serum Bun and Creatinine values
UREAC - Derived from BUN Value.
UR/CR - Derived from UREA and Sr.Creatinine values.
URIC - Uricase / Peroxidase Method

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MOBILE NO : 8910205855
DOB : 10/13/1987

PAN ID : 457035

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
BILIRUBIN - TOTAL	PHOTOMETRY	0.57	mg/dL	0.3-1.2
ASPARTATE AMINOTRANSFERASE (SGOT)	PHOTOMETRY	30.38	U/L	< 35
ALANINE TRANSAMINASE (SGPT)	**PHOTOMETRY**	**47.5**	**U/L**	**< 45**
SGOT / SGPT RATIO	CALCULATED	0.64	Ratio	< 2

Please correlate with clinical conditions.

Method :

BILT - Vanadate Oxidation
SGOT - IFCC* Without Pyridoxal Phosphate Activation
SGPT - IFCC* Without Pyridoxal Phosphate Activation
OT/PT - Derived from SGOT and SGPT values.

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DOB : 10/13/1987

PAN ID : 457035

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
TSH - ULTRASENSITIVE	E.C.L.I.A	3.61	µIU/mL	0.54-5.30

Comments :

The Biological Reference Ranges is specific to the age group. Kindly correlate clinically.

Method :

USTSH - Fully Automated Electrochemiluminescence Sandwich Immunoassay

Disclaimer : Results should always be interpreted using the reference range provided by the laboratory that performed the test. Different laboratories do tests using different technologies, methods and using different reagents which may cause difference. In reference ranges and hence it is recommended to interpret result with assay specific reference ranges provided in the reports. To diagnose and monitor therapy doses, it is recommended to get tested every time at the same Laboratory.

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Sample Type : SERUM
Labcode : 1905087670/HCL01
Barcode : CE474682

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TEST ASKED	: EXECUTIVE HEALTH CHECKUP BELOW 40 YRS WITH UTSH		
MOBILE NO	: 8910205855	**PAN ID** :	457035
DOB	: 10/13/1987		

TEST NAME	TECHNOLOGY	VALUE	UNITS
EST. GLOMERULAR FILTRATION RATE (eGFR)	CALCULATED	129	mL/min/1.73 m2

Bio. Ref. Interval. :-

> = 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

~~ End of report ~~

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Report Released on (RRT)	: 19 May 2024 19:12
Sample Type	: SERUM
Labcode	: 1905087670/HCL01
Barcode	: CE474682

Dr T Priyanka MD(Path)

Dr R Kumar MD (Path)

CONDITIONS OF REPORTING

- The reported results are for information and interpretation of the referring doctor only.
- 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.
- Only such medical professionals who understand reporting units, reference ranges and limitations of technologies should interpret results.
- This report is not valid for medico-legal purpose.
- Neither Thyrocare, 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.

EXPLANATIONS

- Majority of the specimen processed in the laboratory are collected by Pathologists and Hospitals we call them as "Clients".
- **Name** - The name is as declared by the client and recored by the personnel who collected the specimen.
- **Ref.Dr** - The name of the doctor who has recommended testing as declared by the client.
- **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).
- **SCP** - Specimen Collection Point - This is the location where the blood or specimen was collected as declared by the client.
- **SCT** - Specimen Collection Time - The time when specimen was collected as declared by the client.
- **SRT** - Specimen Receiving Time - This time when the specimen reached our laboratory.
- **RRT** - Report Releasing Time - 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.