

## Tests you can trust

Name : B Madhavi (48Y/F)

**Date** : 07 Jul 2024

Test Asked: Aarogyam C Pro With Utsh



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

















# Accredited by





ISO 9001: 2015 - From 2015



CAP From 2007

## Thyrocare

H. NO. 1-9-645, Vidyanagar, Adikmet Road, Near SBH, Hyderabad-500 044





**TEST ASKED** 

🗣 Thyrocare Technologies Limited, D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400703 🛭 98706 66333 🖼 wellness@thyrocare.com

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

: B MADHAVI (48Y/F) NAME

: AAROGYAM C PRO WITH UTSH

**SAMPLE COLLECTED AT:** 

: DR SAI CNR **REF. BY** 

(5060021493), SAI CNR POLYCLINIC AND

DIAGNOSTICS, MOGILAIAH HALL LANE, OPP RISHI HIGH

SCHOOL, JPN ROAD, YELLAM BAZAR, WARANGAL,

## **Summary Report**

	Cummary Report				
Tests	Tests outside reference range				
TEST NAME	OBSERVED VALUE	UNITS	Bio. Ref. Interval.		
CARDIAC RISK MARKERS					
HIGH SENSITIVITY C-REACTIVE PROTEIN (HS-CRP)	6.6	mg/L	< 3		
COMPLETE HEMOGRAM					
HEMATOCRIT(PCV)	46.1	%	36.0-46.0		
MEAN CORP.HEMO.CONC(MCHC)	29.7	g/dL	31.5-34.5		
RED CELL DISTRIBUTION WIDTH - SD(RDW-SD)	46.8	fL	39.0-46.0		
TOTAL LEUCOCYTES COUNT (WBC)	10.23	X 10³ / μL	4.0 - 10.0		
TOTAL RBC	5.01	X 10^6/μL	3.8-4.8		
DIABETES					
AVERAGE BLOOD GLUCOSE (ABG)	163	mg/dL	90-120		
HbA1c	7.3	%	< 5.7		
LIPID					
LDL / HDL RATIO	1	Ratio	1.5-3.5		
TC/ HDL CHOLESTEROL RATIO	2.2	Ratio	3 - 5		
VITAMIN					
25-OH VITAMIN D (TOTAL)	23.8	ng/mL	30-100		

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NAME : B MADHAVI (48Y/F)

**REF. BY** : DR SAI CNR

**TEST ASKED** : HBA PROFILE, HEMOGRAM **SAMPLE COLLECTED AT:** 

(5060021493), SAI CNR POLYCLINIC AND DIAGNOSTICS, MOGILAIAH HALL LANE, OPP RISHI HIGH SCHOOL, JPN ROAD, YELLAM BAZAR,

WARANGAL, INDIA, 506002

**VALUE TEST NAME TECHNOLOGY** UNITS

HbA1c - (HPLC)

H.P.L.C 7.3 %

Bio. Ref. Interval.:

Bio. Ref. Interval.: 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 method

**CALCULATED** AVERAGE BLOOD GLUCOSE (ABG) 163 mg/dL

Bio. Ref. Interval. :

90 - 120 mg/dl : Good Control 121 - 150 mg/dl : Fair Control

151 - 180 mg/dl: Unsatisfactory Control

: Poor Control > 180 mg/dl

Method: Derived from HBA1c values

Please correlate with clinical conditions.

Sample Collected on (SCT)

Sample Received on (SRT) Report Released on (RRT)

**Sample Type** 

Labcode **Barcode** 

:07 Jul 2024 07:20

: 08 Jul 2024 01:05

: 08 Jul 2024 03:17

: EDTA Whole Blood

:0707109127/TE052

:CE070401

Dr Amulya MD (Path)



Dr Ramya MD (Path)

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: HBA PROFILE, HEMOGRAM **TEST ASKED** 

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TEST NAME	METHODOLOGY	VALUE	UNITS	Bio. Ref. Interva
TOTAL LEUCOCYTES COUNT (WBC)	HF & FC	10.23	X 10³ / μL	4.0 - 10.0
NEUTROPHILS	Flow Cytometry	64.9	%	40-80
LYMPHOCYTE	Flow Cytometry	26.9	%	20-40
MONOCYTES	Flow Cytometry	5.2	%	2-10
EOSINOPHILS	Flow Cytometry	2.2	%	1-6
BASOPHILS	Flow Cytometry	0.6	%	0-2
IMMATURE GRANULOCYTE PERCENTAGE(IG%)	Flow Cytometry	0.2	%	0.0-0.4
NEUTROPHILS - ABSOLUTE COUNT	Calculated	6.64	X 10 <sup>3</sup> / μL	2.0-7.0
LYMPHOCYTES - ABSOLUTE COUNT	Calculated	2.75	X 10 <sup>3</sup> / μL	1.0-3.0
MONOCYTES - ABSOLUTE COUNT	Calculated	0.53	X 10 <sup>3</sup> / μL	0.2 - 1.0
BASOPHILS - ABSOLUTE COUNT	Calculated	0.06	X 10 <sup>3</sup> / μL	0.02 - 0.1
EOSINOPHILS - ABSOLUTE COUNT	Calculated	0.23	X 10 <sup>3</sup> / μL	0.02 - 0.5
IMMATURE GRANULOCYTES(IG)	Calculated	0.02	X 10 <sup>3</sup> / μL	0.0-0.3
TOTAL RBC	HF & EI	5.01	X 10^6/μL	3.8-4.8
NUCLEATED RED BLOOD CELLS	Calculated	0.01	$X 10^{3} / \mu L$	0.0-0.5
NUCLEATED RED BLOOD CELLS %	Flow Cytometry	0.01	%	0.0-5.0
HEMOGLOBIN	SLS-Hemoglobin Method	13.7	g/dL	12.0-15.0
HEMATOCRIT(PCV)	CPH Detection	46.1	%	36.0-46.0
MEAN CORPUSCULAR VOLUME(MCV)	Calculated	92	fL	83.0-101.0
MEAN CORPUSCULAR HEMOGLOBIN(MCH)	Calculated	27.3	pq	27.0-32.0
MEAN CORP.HEMO.CONC(MCHC)	Calculated	29.7	g/dL	31.5-34.5
RED CELL DISTRIBUTION WIDTH - SD(RDW	/-SD) Calculated	46.8	fL	39.0-46.0
RED CELL DISTRIBUTION WIDTH (RDW-CV)	Calculated	13.9	%	11.6-14.0
PLATELET DISTRIBUTION WIDTH(PDW)	Calculated	15.1	fL	9.6-15.2
MEAN PLATELET VOLUME(MPV)	Calculated	11.7	fL	6.5-12
PLATELET COUNT	HF & EI	310	X 10 <sup>3</sup> / μL	150-410
PLATELET TO LARGE CELL RATIO(PLCR)	Calculated	39	%	19.7-42.4
PLATELETCRIT(PCT)	Calculated	0.36	%	0.19-0.39

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

Clinical history is asked for all the relevant abnormalities detected and in absence / failure of receiving of clinical history, results are rechecked twice and released. Advised clinical correlation.

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

: CE070401

(Reference: \*FC- flowcytometry, \*HF- hydrodynamic focussing, \*EI- Electric Impedence, \*Hb- hemoglobin, \*CPH- Cumulative pulse height)

Sample Collected on (SCT) :07 Jul 2024 07:20 : 08 Jul 2024 01:05 Sample Received on (SRT) : 08 Jul 2024 03:17 Report Released on (RRT) : EDTA Whole Blood **Sample Type** 

Labcode : 0707109127/TE052

**Barcode** 

Dr Amulya MD (Path)



Dr Ramya MD (Path)

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WARANGAL, INDIA, 506002

TEST NAME	TECHNOLOGY	VALUE	UNITS
25-OH VITAMIN D (TOTAL)	E.C.L.I.A	23.8	ng/mL

Bio. Ref. Interval.:

Deficiency: <=20 ng/ml || Insufficiency: 21-29 ng/ml Sufficiency: >= 30 ng/ml || Toxicity: >100 ng/ml

#### 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):9.20%, Inter assay (%CV):8.50%

Kit Validation Reference: Holick M. Vtamin D the underappreciated D-Lightful hormone that is important for Skeletal

and cellular health Curr Opin Endocrinol Diabetes 2002:9(1)87-98.

Method: Fully Automated Electrochemiluminescence Compititive Immunoassay

VITAMIN B-12 424 pg/mL

Bio. Ref. Interval.: Normal: 197-771 pg/ml

## 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

Specifications: Intra assay (%CV):2.6%, Inter assay (%CV):2.3 %

Kit Validation Reference: Thomas L.Clinical laborator Diagnostics: Use and Assessment of Clinical laboratory Results 1st Edition, TH Books-Verl-Ges, 1998: 424-431

**Method:** Fully Automated Electrochemiluminescence Compititive Immunoassay

Please correlate with clinical conditions.

Sample Collected on (SCT) :07 Jul 2024 07:20

Sample Received on (SRT) : 08 Jul 2024 01:07

Report Released on (RRT) : 08 Jul 2024 05:55

Sample Type :SERUM

**Barcode** 

Labcode :0707109303/TE052

:CO790936

Dr Amulya MD (Path)



Dr Ramya MD (Path)

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WARANGAL, INDIA, 506002

**TEST NAME VALUE UNITS TECHNOLOGY HIGH SENSITIVITY C-REACTIVE PROTEIN (HS-CRP) IMMUNOTURBIDIMETRY** 6.6 mg/L Bio. Ref. Interval. :-

- Low Risk < 1.00 1.00 - 3.00 - Average Risk >3.00 - 10.00 - High Risk

> 10.00 - Possibly due to Non-Cardiac Inflammation

Disclaimer: Persistent unexplained elevation of HSCRP >10 should be evaluated for non-cardiovascular etiologies such as infection, active arthritis or concurrent illness.

#### Clinical significance:

High sensitivity C- reactive Protein ( HSCRP) can be used as an independent risk marker for the identification of Individuals at risk for future cardiovascular Disease. A coronary artery disease risk assessment should be based on the average of two hs-CRP tests, ideally taken two weeks apart.

## Kit Validation Reference:

- 1. Clinical management of laboratory date in medical practice 2003-3004, 207(2003).
- 2.Tietz: Textbook of Clinical Chemistry and Molecular diagnostics: Second edition: Chapter 47:Page no.1507-1508.

## Please correlate with clinical conditions.

Method:-FULLY AUTOMATED LATEX AGGLUTINATION - BECKMAN COULTER

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. SERUM Sample Type

**Barcode** 

Dr Amulya MD (Path) . 0707109303/TE052 Labcode

: CO790936

Dr Ramya MD (Path)

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WARANGAL, INDIA, 506002

TEST NAME	TECHNOLOGY	VALUE	UNITS
TESTOSTERONE	E.C.L.I.A	17.3	ng/dL
Bio. Ref. Interval. :-			5.

6 - 82

Clinical Significance: Clinical evaluation of serum testosterone, along with serum LH, assists in evaluation of Hypogonadal males. Major causes of lowered testosterone in males include Hypogonadotropic hypogonadism, testicular failure Hyperprolactinema, Hypopituitarism some types of liver and kidney diseases and critical illness.

Specifications: Precision: Intra assay (%CV): 11.50 %, Inter assay (%CV): 5.70%; Sensitivity: 7 ng/dL. Kit Validation Reference: Wilson JD Foster DW (Eds) Williams Textbook of Endocrinology 8th Edition WB Saunders Piladelphia Pennsylvania.

Note: The Biological Reference Range mentioned is specific to the age group and gender. Kindly correlate clinically.

### Please correlate with clinical conditions.

Fully Automated Electrochemiluminescence Compititive Immunoassay

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WARANGAL, INDIA, 506002

TEST NAME	TECHNOLOGY	VALUE	UNITS
IRON	PHOTOMETRY	65.61	μg/dL
Bio. Ref. Interval. :			
Male: 65 - 175			
Female: 50 - 170			
Method: Ferrozine method without deproteinization			
TOTAL IRON BINDING CAPACITY (TIBC)	PHOTOMETRY	385.07	μg/dL
Bio. Ref. Interval. :			
Male: 225 - 535 μg/dl Female: 215 - 535 μg/dl			
Method : Spectrophotometric Assay			
% TRANSFERRIN SATURATION	CALCULATED	17.04	%
Bio. Ref. Interval. :			
13 - 45			
Method: Derived from IRON and TIBC values			
UNSAT.IRON-BINDING CAPACITY(UIBC)	PHOTOMETRY	319.46	μg/dL
Bio. Ref. Interval. :			
162 - 368			
Method: SPECTROPHOTOMETRIC ASSAY			

Please correlate with clinical conditions.

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**Sample Type** :SERUM

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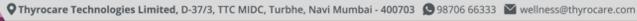
Dr Ramya MD (Path)

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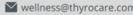
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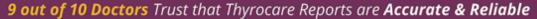
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INDIA,506002

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
TOTAL CHOLESTEROL	PHOTOMETRY	131	mg/dL	< 200
HDL CHOLESTEROL - DIRECT	PHOTOMETRY	58	mg/dL	40-60
HDL / LDL RATIO	CALCULATED	0.98	Ratio	> 0.40
LDL CHOLESTEROL - DIRECT	PHOTOMETRY	60	mg/dL	< 100
TRIG / HDL RATIO	CALCULATED	2.02	Ratio	< 3.12
TRIGLYCERIDES	PHOTOMETRY	118	mg/dL	< 150
TC/ HDL CHOLESTEROL RATIO	CALCULATED	2.2	Ratio	3 - 5
LDL / HDL RATIO	CALCULATED	1	Ratio	1.5-3.5
NON-HDL CHOLESTEROL	CALCULATED	72.5	mg/dL	< 160
VLDL CHOLESTEROL	CALCULATED	23.59	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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: 08 Jul 2024 01:07

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**Sample Type** 

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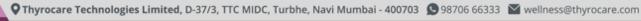
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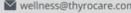
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INDIA,506002

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
ALKALINE PHOSPHATASE	PHOTOMETRY	86.55	U/L	45-129
BILIRUBIN - TOTAL	PHOTOMETRY	0.64	mg/dL	0.3-1.2
BILIRUBIN -DIRECT	PHOTOMETRY	0.15	mg/dL	< 0.3
BILIRUBIN (INDIRECT)	CALCULATED	0.49	mg/dL	0-0.9
GAMMA GLUTAMYL TRANSFERASE (GGT)	PHOTOMETRY	19.16	U/L	< 38
SGOT / SGPT RATIO	CALCULATED	1.24	Ratio	< 2
ASPARTATE AMINOTRANSFERASE (SGOT )	PHOTOMETRY	18.23	U/L	< 31
ALANINE TRANSAMINASE (SGPT)	PHOTOMETRY	14.75	U/L	< 34
PROTEIN - TOTAL	PHOTOMETRY	6.68	gm/dL	5.7-8.2
ALBUMIN - SERUM	PHOTOMETRY	3.9	gm/dL	3.2-4.8
SERUM GLOBULIN	CALCULATED	2.78	gm/dL	2.5-3.4
SERUM ALB/GLOBULIN RATIO	CALCULATED	1.4	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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Dr Amulya MD (Path) : 0707109303/TE052 Labcode

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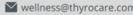
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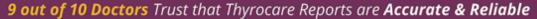
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INDIA,506002

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
UREA (CALCULATED)	CALCULATED	25.89	mg/dL	Adult : 17-43
BLOOD UREA NITROGEN (BUN)	PHOTOMETRY	12.1	mg/dL	7.94 - 20.07
UREA / SR.CREATININE RATIO	CALCULATED	39.84	Ratio	< 52
CREATININE - SERUM	PHOTOMETRY	0.65	mg/dL	0.55-1.02
BUN / SR.CREATININE RATIO	CALCULATED	18.62	Ratio	9:1-23:1
CALCIUM	PHOTOMETRY	9.9	mg/dL	8.8-10.6
URIC ACID	PHOTOMETRY	4.48	mg/dL	3.2 - 6.1
SODIUM	I.S.E	137.27	mmol/L	136 - 145
CHLORIDE	I.S.E	105.08	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

Sample Collected on (SCT) : 07 Jul 2024 07:20 : 08 Jul 2024 01:07 Sample Received on (SRT) Report Released on (RRT) : 08 Jul 2024 05:55

**Sample Type** : SERUM

Dr Amulya MD (Path) Labcode : 0707109303/TE052

**Barcode** . CO790936

Dr Ramya MD (Path)

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#### **Thyrocare**

H. NO. 1-9-645, Vidyanagar, Adikmet Road, Near SBH, Hyderabad-500 044





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

NAME : B MADHAVI (48Y/F)

**REF. BY** : DR SAI CNR

**TEST ASKED** : AAROGYAM C PRO WITH UTSH **SAMPLE COLLECTED AT:** 

(5060021493), SAI CNR POLYCLINIC AND

DIAGNOSTICS, MOGILAIAH HALL LANE, OPP RISHI HIGH SCHOOL, JPN ROAD, YELLAM BAZAR, WARANGAL,

INDIA,506002

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
TOTAL TRIIODOTHYRONINE (T3)	E.C.L.I.A	107	ng/dL	80-200
TOTAL THYROXINE (T4)	E.C.L.I.A	8.98	μg/dL	4.8-12.7
TSH - ULTRASENSITIVE	E.C.L.I.A	2.97	μIU/mL	0.54-5.30

Comments: SUGGESTING THYRONORMALCY

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

#### Method:

T3,T4 - Fully Automated Electrochemiluminescence Compititive Immunoassay USTSH - Fully Automated Electrochemiluminescence Sandwich Immunoassay

Pregnancy reference ranges for TSH/USTSH:

Trimester || T3 (ng/dl) || T4 ( $\mu$ g/dl) || TSH/USTSH ( $\mu$ IU/ml)

1st || 83.9-196.6 || 4.4-11.5 || 0.1-2.5 2nd || 86.1-217.4 || 4.9-12.2 || 0.2-3.0 3rd || 79.9-186 || 5.1-13.2 || 0.3-3.5

#### References:

**Barcode** 

- 1. Carol Devilia, C I Parhon. First Trimester Pregnancy ranges for Serum TSH and Thyroid Tumor reclassified as Benign. Acta Endocrinol. 2016; 12(2): 242 - 243
- 2. Kulhari K, Negi R, Kalra DK et al. Establishing Trimester specific Reference ranges for thyroid hormones in Indian women with normal pregnancy: New light through old window. Indian Journal of Contemporary medical research. 2019; 6(4)

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.

Sample Collected on (SCT) : 07 Jul 2024 07:20 Sample Received on (SRT) : 08 Jul 2024 01:07

Report Released on (RRT) : 08 Jul 2024 05:55

Sample Type : SERUM

Labcode : 0707109303/TE052

: CO790936

Dr Amulya MD (Path)

Dr Ramya MD (Path) Page: 10 of 12

#### **Thyrocare**

H. NO. 1-9-645, Vidyanagar, Adikmet Road, Near SBH, Hvderabad-500 044





O Thyrocare Technologies Limited, D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400703 (9) 98706 66333 🎽 wellness@thyrocare.com







: B MADHAVI (48Y/F) NAME **REF. BY** : DR SAI CNR

: AAROGYAM C PRO WITH UTSH **TEST ASKED** 

**SAMPLE COLLECTED AT:** 

(5060021493), SAI CNR POLYCLINIC AND DIAGNOSTICS, MOGILAIAH HALL LANE, OPP RISHI HIGH SCHOOL, JPN ROAD, YELLAM BAZAR,

WARANGAL, INDIA, 506002

**TEST NAME TECHNOLOGY VALUE UNITS** EST. GLOMERULAR FILTRATION RATE (eGFR) **CALCULATED** 105 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 ~~

Sample Collected on (SCT)

Sample Received on (SRT)

Report Released on (RRT)

Sample Type

Labcode

**Barcode** 

: 07 Jul 2024 07:20

: 08 Jul 2024 01:07

: 08 Jul 2024 05:55

. SERUM

. 0707109303/TE052

Dr Amulya MD (Path)

: CO790936



Dr Ramya MD (Path)

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#### CONDITIONS OF REPORTING

- v The reported results are for information and interpretation of the referring doctor only.
- v It is presumed that the tests performed on the specimen belong to the patient; named or identified.
- v Results of tests may vary from laboratory to laboratory and also in some parameters from time to time for the same patient.
- v Should the results indicate an unexpected abnormality, the same should be reconfirmed.
- v Only such medical professionals who understand reporting units, reference ranges and limitations of technologies should interpret results.
- v This report is not valid for medico-legal purpose.
- v 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.
- v Thyrocare Discovery video link :- https://youtu.be/nbdYeRqYyQc
- v For clinical support please contact @8450950852,8450950853,8450950854 between 10:00 to 18:00

### **EXPLANATIONS**

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

## **SUGGESTIONS**

- Values out of reference range requires reconfirmation before starting any medical treatment.
- v Retesting is needed if you suspect any quality shortcomings.
- v Testing or retesting should be done in accredited laboratories.
- v For suggestions, complaints or feedback, write to us at info@thyrocare.com or call us on 022-3090 0000 / 6712 3400
- v SMS:<Labcode No.> to **9870666333**



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