

Date:- 10.12.2022	CID: 22344Layp
Name:- Ms. Eluvathingal Carnel	Sex/Age: 1254x/Female
Name:- Ms. Elivathingal Carmel Toy. EYE CH	ECK UP
Chief complaints: $M(l)$	
Systemic Diseases: Nî	
Past history: $N(i)$	bl o second second and all
Unaided Vision: N.V LC MLS BL	$D \cdot U = \begin{bmatrix} 6 \\ 6 \end{bmatrix} \begin{bmatrix} 6 \\ 6 \end{bmatrix} \begin{bmatrix} 6 \\ 6 \end{bmatrix}$
Aided Vision:	
Refraction:	

(Right Eye)

(Left Eye)

	Sph	Cyl	Axis	Vn	Sph	Cyl	Axis	Vn
Distance				6/6				6/6
			~	· · ·				
Near				NS	-			NS

Colour Vision: Normal / Abnormal

Remark: WNL

Suburban Diagnostics (I) Pvt. Ltd. 1st Floer, Harbhajan, Above HDFC Bank, Opp. Nafa Petrol Pump, Kalina, CST Road, Santacruz (East), Tel. No. 022-61700000 Dr. D.G. HATALKAR R.No. 61067 M.D. (Ob.Gy) R

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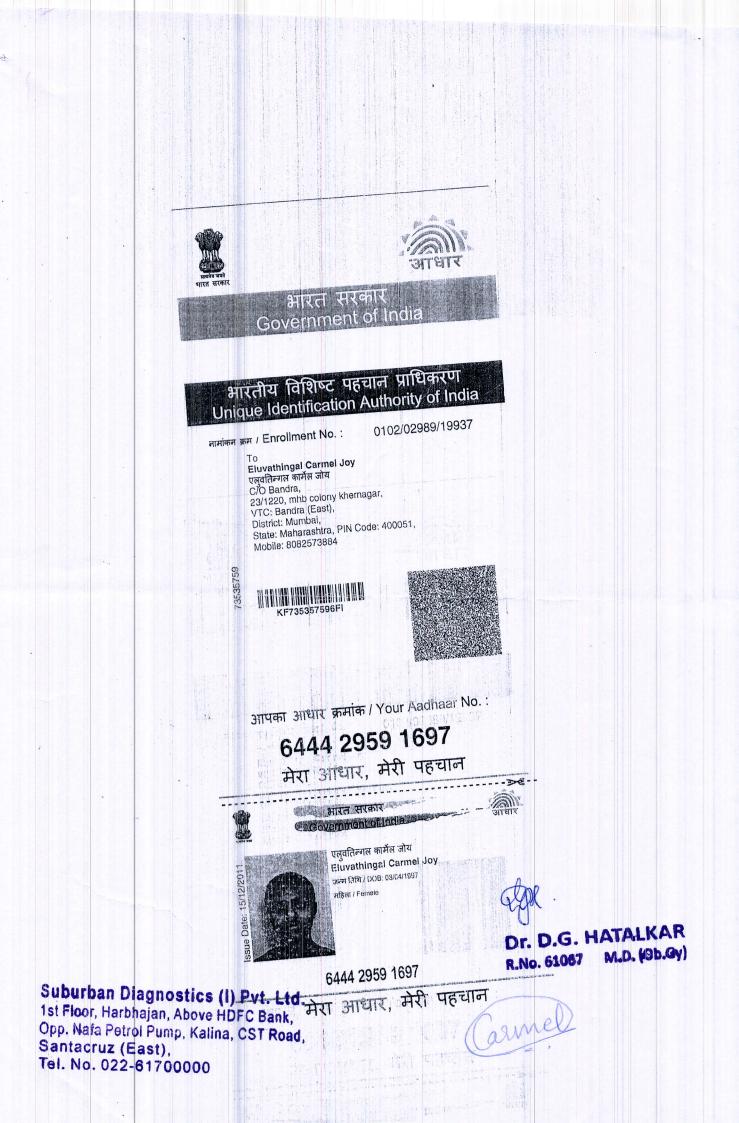
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Carmel Joy Elwathingal X-ray tests & Tread-mill tests not performed. Reason: My pregnancy. R

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CARMEL JOY ELUVATHINGAL

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Name : MS Age / Gender : 25 Consulting Dr. : - Reg.Location : Kali	34419477 ELUVATHINGAL CARMEL JOY Years/Female na, Santacruz East (Main Centre) <u>PHYSICAL EX</u>	Collected	: 10-Dec-2022 / 08:22 : 12-Dec-2022 / 13:36
History and Co	inplaints:		
Asymptomatic			
EXAMINATION	FINDINGS:		
Height (cms): Temp (0c): Blood Pressure Pulse:	158 cms Afebrile (mm/hg): 110/80 mmHg 80 bpm	Weight (kg): Skin: Nails: Lymph Node:	57.7 kgs Normal Normal Not palpable
Systems Cardiovascular: Respiratory: Genitourinary: GI System: CNS:	S1S2 audible, No murmur AEBE NAD Liver and Spleen not palpable NAD		
IMPRESSION:			
Hb-11.9, ESR-30			
Refer to Physicia	n for treatment of Anemia		
CHIEF COMPLAIN			
 Hypertension IHD Arrhythmia Diabetes Mellin Tuberculosis 	No		

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CID#

: 2234419477

Name MS.ELUVATHINGAL CARMEL JOY

Age / Gender : 25 Years/Female

Consulting Dr. : -Realocatio

	(Main Centre)		2022 / 08:22 2022 / 13:36	
 6) Asthama 7) Pulmonary Disease 8) Thyroid/ Endocrine disorders 9) Nervous disorders 10) GI system 11) Genital urinary disorder 12) Rheumatic joint diseases or sympt 13) Blood disease or disorder 14) Cancer/lump growth/cyst 15) Congenital disease 16) Surgeries 17) Musculoskeletal System 	No No No No No No No No No			
 Alcohol Smoking 	No			

Collected

2)	Smoking	INO	
3)	Diet	No	
4)	Medication	Mixed	
(1)	medication	No	

*** End Of Report ***

tula Dr.Dhanwanti Hatalkar PHYSICIAN

Dr. D.G. HATALKAR R.No. 61067 M.D. (Ob.Gy)

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CID	: 2234419477
Name	: MS.ELUVATHINGAL CARMEL JOY
Age / Gender	: 25 Years / Female
Consulting Dr.	: -
Reg. Location	: Kalina, Santacruz East (Main Centre)



Use a QR Code Scanner Application To Scan the Code Collected :10-Dec-2022 / 08:28 Reported :10-Dec-2022 / 14:42

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

CBC (Complete Blood Count), Blood					
PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>		
RBC PARAMETERS					
Haemoglobin	11.9	12.0-15.0 g/dL	Spectrophotometric		
RBC	3.92	3.8-4.8 mil/cmm	Elect. Impedance		
PCV	35.6	36-46 %	Calculated		
MCV	90.8	80-100 fl	Measured		
MCH	30.2	27-32 pg	Calculated		
MCHC	33.3	31.5-34.5 g/dL	Calculated		
RDW	14.4	11.6-14.0 %	Calculated		
WBC PARAMETERS					
WBC Total Count	9010	4000-10000 /cmm	Elect. Impedance		
WBC DIFFERENTIAL AND	ABSOLUTE COUNTS				
Lymphocytes	17.5	20-40 %			
Absolute Lymphocytes	1576.8	1000-3000 /cmm	Calculated		
Monocytes	5.0	2-10 %			
Absolute Monocytes	450.5	200-1000 /cmm	Calculated		
Neutrophils	75.0	40-80 %			
Absolute Neutrophils	6757.5	2000-7000 /cmm	Calculated		
Eosinophils	2.4	1-6 %			
Absolute Eosinophils	216.2	20-500 /cmm	Calculated		
Basophils	0.1	0.1-2 %			
Absolute Basophils	9.0	20-100 /cmm	Calculated		
Immature Leukocytes	-				

WBC Differential Count by Absorbance & Impedance method/Microscopy.

PLATELET PARAMETERS

Platelet Count	257000	150000-400000 /cmm	Elect. Impedance
MPV	8.5	6-11 fl	Measured
PDW	12.5	11-18 %	Calculated

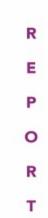
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HEALTHLINE - MUMBAI: 022-6170-0000 | OTHER CITIES: 1800-266-4343

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SUBURBA	C S			E
CID	: 2234419477			Р
Name	: MS.ELUVATHINGAL CARMEL JOY			0
Age / Gender	: 25 Years / Female		Use a QR Code Scanner Application To Scan the Code	R
Consulting Dr.	: -	Collected	:10-Dec-2022 / 08:28	-
Reg. Location	: Kalina, Santacruz East (Main Centre)	Reported	:10-Dec-2022 / 15:54	т

RBC MORPHOLOGY			
Hypochromia	-		
Microcytosis	-		
Macrocytosis	-		
Anisocytosis			
Poikilocytosis			
Polychromasia			
Target Cells			
Basophilic Stippling			
Normoblasts			
Others	Normocytic,Normochromic		
WBC MORPHOLOGY			
PLATELET MORPHOLOGY			
COMMENT	-		
Specimen: EDTA Whole Blood			
ESR, EDTA WB	30	2-20 mm at 1 hr.	Sedimentation

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West *** End Of Report ***



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Dr.JYOT THAKKER M.D. (PATH), DPB Pathologist & AVP(Medical Services)

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:2234419477

: -

: 25 Years / Female

CID

Name

Age / Gender

Consulting Dr.

Reg. Location

Authenticity Check

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Use a OR Code Scanner



AERFO	CAMI HEALTHCARE BE	LOW 40 MALE/FEMALE				
PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>			
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	62.5	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase			
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	63.0	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase			
BILIRUBIN (TOTAL), Serum	0.33	0.1-1.2 mg/dl	Colorimetric			
BILIRUBIN (DIRECT), Serum	0.14	0-0.3 mg/dl	Diazo			
BILIRUBIN (INDIRECT), Serum	0.19	0.1-1.0 mg/dl	Calculated			
TOTAL PROTEINS, Serum	6.5	6.4-8.3 g/dL	Biuret			
ALBUMIN, Serum	3.6	3.5-5.2 g/dL	BCG			
GLOBULIN, Serum	2.9	2.3-3.5 g/dL	Calculated			
A/G RATIO, Serum	1.2	1 - 2	Calculated			
SGOT (AST), Serum	19.4	5-32 U/L	NADH (w/o P-5-P)			
SGPT (ALT), Serum	14.7	5-33 U/L	NADH (w/o P-5-P)			
GAMMA GT, Serum	8.1	3-40 U/L	Enzymatic			
ALKALINE PHOSPHATASE, Serum	58.2	35-105 U/L	Colorimetric			
BLOOD UREA, Serum	8.7	12.8-42.8 mg/dl	Kinetic			
BUN, Serum	4.1	6-20 mg/dl	Calculated			
CREATININE, Serum	0.43	0.51-0.95 mg/dl	Enzymatic			

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Urine Sugar (Fasting)

Urine Sugar (PP)

Urine Ketones (PP)

Urine Ketones (Fasting)

SUBURBA	CS		Authenticity Check	R
CID	: 2234419477			Р
Name	: MS.ELUVATHINGAL CARMEL JOY			0
Age / Gender	: 25 Years / Female		Use a QR Code Scanner Application To Scan the Code	R
Consulting Dr.	: -	Collected	:10-Dec-2022 / 11:57	2.33
Reg. Location	: Kalina, Santacruz East (Main Centre)	Reported	:10-Dec-2022 / 17:59	т
eGFR, Serum	190	>60 ml/min/1.73sqm	Calculated	
URIC ACID, Sei	rum 3.0	2.4-5.7 mg/dl	Enzymatic	

Absent

Absent

Absent

Absent

*** End Of Report ***

Absent

Absent

Absent

Absent

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West

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M. Jain

Dr.MILLU JAIN M.D.(PATH) Pathologist

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CID :2234419477 Name : MS. ELUVATHINGAL CARMEL JOY Age / Gender : 25 Years / Female Consulting Dr. : -Reg. Location : Kalina, Santacruz East (Main Centre)

Application To Scan the Code Collected Reported

:10-Dec-2022 / 08:28 :10-Dec-2022 / 16:44

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE GLYCOSYLATED HEMOGLOBIN (HbA1c)

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
Glycosylated Hemoglobin (HbA1c), EDTA WB - CC	4.8	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB - CC	91.1	mg/dl	Calculated

Intended use:

- In patients who are meeting treatment goals, HbA1c test should be performed at least 2 times a year
- In patients whose therapy has changed or who are not meeting glycemic goals, it should be performed quarterly
- For microvascular disease prevention, the HbA1C goal for non pregnant adults in general is Less than 7%.

Clinical Significance:

- HbA1c, Glycosylated hemoglobin or glycated hemoglobin, is hemoglobin with glucose molecule attached to it.
- The HbA1c test evaluates the average amount of glucose in the blood over the last 2 to 3 months by measuring the percentage of glycosylated hemoglobin in the blood.

Test Interpretation:

- The HbA1c test evaluates the average amount of glucose in the blood over the last 2 to 3 months by measuring the percentage of Glycosylated hemoglobin in the blood.
- HbA1c test may be used to screen for and diagnose diabetes or risk of developing diabetes.
- To monitor compliance and long term blood glucose level control in patients with diabetes.
- Index of diabetic control, predicting development and progression of diabetic micro vascular complications.

Factors affecting HbA1c results:

Increased in: High fetal hemoglobin, Chronic renal failure, Iron deficiency anemia, Splenectomy, Increased serum triglycerides, Alcohol ingestion, Lead/opiate poisoning and Salicylate treatment.

Decreased in: Shortened RBC lifespan (Hemolytic anemia, blood loss), following transfusions, pregnancy, ingestion of large amount of Vitamin E or Vitamin C and Hemoglobinopathies

Reflex tests: Blood glucose levels, CGM (Continuous Glucose monitoring)

References: ADA recommendations, AACC, Wallach's interpretation of diagnostic tests 10th edition.

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West *** End Of Report ***



Dr.JYOT THAKKER M.D. (PATH), DPB Pathologist & AVP(Medical Services)

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CID	: 2234419477
Name	: MS.ELUVATHINGAL CARMEL JOY
Age / Gender	: 25 Years / Female
Consulting Dr. Reg. Location	: - : Kalina, Santacruz East (Main Centre)

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Collected Reported

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE URINE EXAMINATION REPORT

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
PHYSICAL EXAMINATION			
Color	Pale yellow	Pale Yellow	-
Reaction (pH)	8.0	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.010	1.001-1.030	Chemical Indicator
Transparency	Slight hazy	Clear	-
Volume (ml)	30	-	-
CHEMICAL EXAMINATION			
Proteins	Absent	Absent	pH Indicator
Glucose	Absent	Absent	GOD-POD
Ketones	Absent	Absent	Legals Test
Blood	Absent	Absent	Peroxidase
Bilirubin	Absent	Absent	Diazonium Salt
Urobilinogen	Normal	Normal	Diazonium Salt
Nitrite	Absent	Absent	Griess Test
MICROSCOPIC EXAMINATIO	<u>N</u>		
Leukocytes(Pus cells)/hpf	1-2	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	3-4		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	++	Less than 20/hpf	
Others	-		

Kindly rule out contamination.

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PRECISE TESTING - HEALTHIER LIVING	E E
CID : 2234419477	P
Name : MS.ELUVATHINGAL CARMEL JOY	o
Age / Gender:25 Years / FemaleUse a QR Code ScanneApplication To Scan the Code ScanneApplication To Scan the Code Scanne	
Consulting Dr. : - Collected :10-Dec-2022	2 / 08:28
Reg. Location: Kalina, Santacruz East (Main Centre)Reported:10-Dec-2022	2 / 15:52 Т

Interpretation: The concentration values of Chemical analytes corresponding to the grading given in the report are as follows:

Protein:(1+ ~25 mg/dl, 2+ ~75 mg/dl, 3+ ~ 150 mg/dl, 4+ ~ 500 mg/dl)

• Glucose:(1+ ~ 50 mg/dl, 2+ ~100 mg/dl, 3+ ~300 mg/dl,4+ ~1000 mg/dl)

• Ketone:(1+ ~5 mg/dl, 2+ ~15 mg/dl, 3+ ~ 50 mg/dl, 4+ ~ 150 mg/dl)

Reference: Pack insert

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West *** End Of Report ***



M Jain

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Dr.MILLU JAIN M.D.(PATH) Pathologist

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CID : 2234419477 Name : MS.ELUVATHINGAL CARMEL JOY Age / Gender : 25 Years / Female Consulting Dr. : -Reg. Location : Kalina, Santacruz East (Main Centre) Authenticity Check R E Use a QR Code Scanner Application To Scan the Code R Collected : 10-Dec-2022 / 08:28 Reported : 10-Dec-2022 / 15:24 T

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE BLOOD GROUPING & Rh TYPING

PARAMETER

RESULTS

ABO GROUP O Rh TYPING POSITIVE

NOTE: Test performed by automated column agglutination technology (CAT) which is more sensitive than conventional methods.

Note: This sample is not tested for Bombay blood group.

Specimen: EDTA Whole Blood and/or serum

Clinical significance:

ABO system is most important of all blood group in transfusion medicine

Limitations:

- ABO blood group of new born is performed only by cell (forward) grouping because allo antibodies in cord blood are of maternal origin.
- Since A & B antigens are not fully developed at birth, both Anti-A & Anti-B antibodies appear after the first 4 to 6 months of life. As a result, weaker reactions may occur with red cells of newborns than of adults.
- Confirmation of newborn's blood group is indicated when A & B antigen expression and the isoagglutinins are fully developed at 2 to 4 years of age & remains constant throughout life.
- Cord blood is contaminated with Wharton's jelly that causes red cell aggregation leading to false positive result
- The Hh blood group also known as Oh or Bombay blood group is rare blood group type. The term Bombay is used to refer the phenotype that lacks normal expression of ABH antigens because of inheritance of hh genotype.

Refernces:

- 1. Denise M Harmening, Modern Blood Banking and Transfusion Practices- 6th Edition 2012. F.A. Davis company. Philadelphia
- 2. AABB technical manual

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West

*** End Of Report ***



M. Jain

Dr.MILLU JAIN M.D.(PATH) Pathologist

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CID	: 2234419477
Name	: MS.ELUVATHINGAL CARMEL JOY
Age / Gender	: 25 Years / Female
Consulting Dr. Reg. Location	: - :Kalina, Santacruz East (Main Centre)

Use a QR Code Scanner Application To Scan the Code Collected :10-Dec-2022 / 08:28 Reported :10-Dec-2022 / 15:27

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE LIPID PROFILE

PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
CHOLESTEROL, Serum	170.3	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	86.6	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	GPO-POD
HDL CHOLESTEROL, Serum	59.4	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	110.9	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	94.0	Optimal: <100 mg/dl Near Optimal: 100 - 129 mg/dl Borderline High: 130 - 159 mg/dl High: 160 - 189 mg/dl Very High: >/= 190 mg/dl	Calculated
VLDL CHOLESTEROL, Serum	16.9	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	2.9	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	1.6	0-3.5 Ratio	Calculated
*Sample processed at SUBURBAN DI	AGNOSTICS (INDIA) PVT. LTD CPI	Andheri West	

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M. Jain **Dr.MILLU JAIN** M.D.(PATH)

Pathologist

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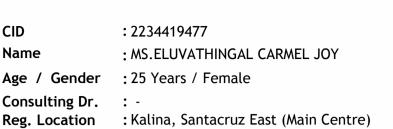
Authenticity Check

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Use a OR Code Scanner Application To Scan the Code Collected :10-Dec-2022 / 08:28 Reported :10-Dec-2022 / 15:12

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE THYROID FUNCTION TESTS BIOLOGICAL REF RANGE RESULTS PARAMETER **METHOD** Free T3, Serum 3.8 3.5-6.5 pmol/L **ECLIA** Free T4, Serum 12.4 11.5-22.7 pmol/L **ECLIA** First Trimester:9.0-24.7 Second Trimester: 6.4-20.59 Third Trimester: 6.4-20.59 sensitiveTSH, Serum 0.827 0.35-5.5 microIU/ml **ECLIA** First Trimester:0.1-2.5 Second Trimester: 0.2-3.0

Third Trimester:0.3-3.0

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Authenticity Check R F :2234419477 : MS. ELUVATHINGAL CARMEL JOY Use a OR Code Scanner Age / Gender : 25 Years / Female Application To Scan the Code : -Consulting Dr. Collected :10-Dec-2022 / 08:28 т :10-Dec-2022 / 15:12 Reg. Location : Kalina, Santacruz East (Main Centre) Reported

Interpretation:

CID

Name

A thyroid panel is used to evaluate thyroid function and/or help diagnose various thyroid disorders.

Clinical Significance:

1)TSH Values between high abnormal upto15 microIU/ml should be correlated clinically or repeat the test with new sample as physiological factors

can give falsely high TSH.

2)TSH values may be trasiently altered becuase of non thyroidal illness like severe infections liver disease, renal and heart severe burns, trauma and surgery etc.

TSH	FT4 / T4	FT3 / T3	Interpretation
High	Normal	Normal	Subclinical hypothyroidism, poor compliance with thyroxine, drugs like amiodarone, Recovery phase of non- thyroidal illness, TSH Resistance.
High	Low	Low	Hypothyroidism, Autoimmune thyroiditis, post radio iodine Rx, post thyroidectomy, Anti thyroid drugs, tyrosine kinase inhibitors & amiodarone, amyloid deposits in thyroid, thyroid tumors & congenital hypothyroidism.
Low	High	High	Hyperthyroidism, Graves disease, toxic multinodular goiter, toxic adenoma, excess iodine or thyroxine intake, pregnancy related (hyperemesis gravidarum, hydatiform mole)
Low	Normal	Normal	Subclinical Hyperthyroidism, recent Rx for Hyperthyroidism, drugs like steroids & dopamine), Non thyroidal illness.
Low	Low	Low	Central Hypothyroidism, Non Thyroidal Illness, Recent Rx for Hyperthyroidism.
High	High	High	Interfering anti TPO antibodies, Drug interference: Amiodarone, Heparin, Beta Blockers, steroids & anti epileptics.

Diurnal Variation: TSH follows a diurnal rhythm and is at maximum between 2 am and 4 am, and is at a minimum between 6 pm and 10 pm. The variation is on the order of 50 to 206%. Biological variation: 19.7% (with in subject variation)

Reflex Tests: Anti thyroid Antibodies, USG Thyroid , TSH receptor Antibody. Thyroglobulin, Calcitonin

Limitations:

1. Samples should not be taken from patients receiving therapy with high biotin doses (i.e. >5 mg/day) until atleast 8 hours

following the last biotin administration.

2. Patient samples may contain heterophilic antibodies that could react in immunoassays to give falsely elevated or depressed results. this assay is designed to minimize interference from heterophilic antibodies.

Reference:

1.O.koulouri et al. / Best Practice and Research clinical Endocrinology and Metabolism 27(2013)

2. Interpretation of the thyroid function tests, Dayan et al. THE LANCET . Vol 357

3. Tietz, Text Book of Clinical Chemistry and Molecular Biology -5th Edition

4.Biological Variation: From principles to Practice-Callum G Fraser (AACC Press)

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*** End Of Report ***





Anto

Dr.ANUPA DIXIT M.D.(PATH) **Consultant Pathologist & Lab** Director

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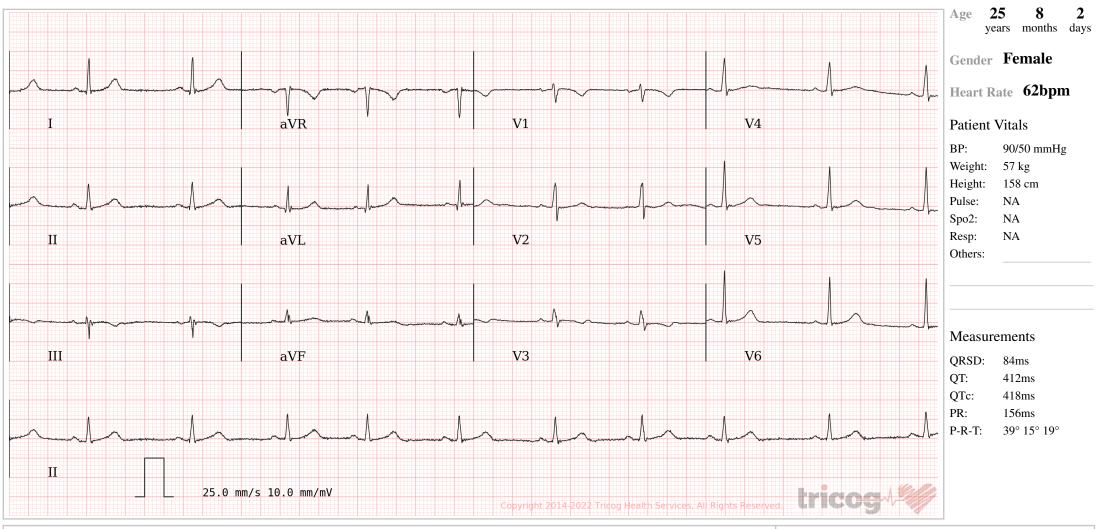
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SUBURBAN DIAGNOSTICS - KALINA, SANTACRUZ EAST

SUBURBAN

Patient Name: ELUVATHINGAL CARMEL JOY Date and Time: 10th Dec 22 8:48 AM Patient ID: 2234419477



ECG Within Normal Limits: Sinus Rhythm, Normal Axis, with Sinus Arrhythmia.Please correlate clinically.

REPORTED BY



Disclaimer: 1) Analysis in this report is based on ECG alone and should be used as an adjunct to clinical history, symptoms, and results of other invasive and non-invasive tests and must be interpreted by a qualified physician. 2) Patient vitals are as entered by the clinician and not derived from the ECG.