




Name : MRS. TIRUMALI SRAVANI  
Id : K-13151  
Age/Gender : 32 years 5 months/F  
DOB : 29/05/1992  
Referred By : BANK OF BARODA (MW)

Vid : OPI2425-5130  
Collected On : 16/11/2024 09:02  
Reported On : 17/11/2024 10:07  
SID : 24010700005118  
Barcode : 

Parameter	Result	Bio. Ref. Interval
-----------	--------	--------------------

**DEPARTMENT OF HAEMATOLOGY**

**BLOOD GROUP AND RH TYPING**

(Method: Hemagglutination)

Blood group	" A "
Rh Type	NEGATIVE

*Ramadevi*

**Dr. S RAMADEVI M.B.B.S**  
**MD PATHOLOGIST**


VERIFIED BY

APPROVED BY





Name : MRS. TIRUMALI SRAVANI  
Id : K-13151  
Age/Gender : 32 years 5 months/F  
DOB : 29/05/1992  
Referred By : BANK OF BARODA (MW)

Vid : OPI2425-5130  
Collected On : 16/11/2024 09:02  
Reported On : 17/11/2024 10:07  
SID : 24010100005118  
Barcode : 

Parameter	Result	Bio. Ref. Interval
-----------	--------	--------------------

**DEPARTMENT OF BIOCHEMISTRY**

**SERUM CREATININE**  
(Method: Enzymatic)

0.6 mg/dl

0.6 - 1.1

**Dr. Rajani Gutha Ph.D**  
**Chief Biochemist**


VERIFIED BY

APPROVED BY





Name : MRS. TIRUMALI SRAVANI  
Id : K-13151  
Age/Gender : 32 years 5 months/F  
DOB : 29/05/1992  
Referred By : BANK OF BARODA (MW)

Vid : OPI2425-5130  
Collected On : 16/11/2024 09:02  
Reported On : 17/11/2024 10:07  
SID : 24010100005118  
Barcode : 

Parameter	Result	Bio. Ref. Interval
-----------	--------	--------------------

**DEPARTMENT OF BIOCHEMISTRY**

**BLOOD UREA NITROGEN - BUN**  
(Method: UREASE / GLDH)

8.8 mg/dl

7 - 21

**Dr. Rajani Gutha Ph.D**  
**Chief Biochemist**


VERIFIED BY

APPROVED BY





Name : MRS. TIRUMALI SRAVANI  
Id : K-13151  
Age/Gender : 32 years 5 months/F  
DOB : 29/05/1992  
Referred By : BANK OF BARODA (MW)

Vid : OPI2425-5130  
Collected On : 16/11/2024 09:02  
Reported On : 17/11/2024 10:07  
SID : 24010100005118  
Barcode : 

Parameter	Result	Bio. Ref. Interval
-----------	--------	--------------------

**DEPARTMENT OF BIOCHEMISTRY**

<b>URIC ACID</b> (Method: URICASE/PEROXIDASE)	2.6 mg/dl	2.6 - 6.0
--	-----------	-----------

**Dr. Rajani Gutha Ph.D**  
**Chief Biochemist**

VERIFIED BY

APPROVED BY





Name : MRS. TIRUMALI SRAVANI  
Id : K-13151  
Age/Gender : 32 years 5 months/F  
DOB : 29/05/1992  
Referred By : BANK OF BARODA (MW)

Vid : OPI2425-5130  
Collected On : 16/11/2024 09:02  
Reported On : 17/11/2024 10:07  
SID : 24010100005118  
Barcode : 

Parameter	Result	Bio. Ref. Interval
-----------	--------	--------------------

**DEPARTMENT OF ENDOCRINOLOGY**

**THYROID FUNCTION TEST**

<b>TOTAL TRIIODOTHYRONINE - T3</b> (Method: CLIA)	1.18 ng/ml	Adult: 0.60 - 1.78 2weeks-4 months: 1.2 - 2.4 1-14 years: 1.05 - 2.45 New borns: 0.73 - 2.88 Pregnancy-1st trimester: 1.21 - 3.08 2nd & 3rd Trimester: 1.52 - 3.62
<b>TOTAL THYROXINE - T4</b> (Method: CLIA)	8.77 ug/dl	Adult: 5.10 - 13.20 2 weeks-4 months: 7 - 15 1-14 years: 6.4 - 13.3 Pregnancy- 1st trimester: 7.8 - 16.2 2nd&3rd trimester: 9.1 - 18.3
<b>THYROID STIMULATING HORMONE - TSH</b> (Method: CLIA)	2.09 uIU/ml	Adult: 0.35 - 5.50 New borns: 0.70 - 15.2 2weeks-4 months: 1.7 - 9.1 <12 months: 1.36 - 8.8 1-6 years: 0.85 - 6.5 7-12 years: 0.28 - 4.3 Pregnancy- 1st trimester: 0.1 - 2.5 2nd &3rd Trimester: 0.2 - 3.0

**INTERPRETATION**

In primary hypothyroidism, thyroid-stimulating hormone (TSH) levels will be elevated and in primary hyperthyroidism, TSH levels will be low. In Hypothyroidism there is decreased production of thyroid hormones by the thyroid hence the person may experience symptoms such as weight gain, dry skin, constipation, cold intolerance, and fatigue. Iodine deficiency and Hashimoto thyroiditis is the most common cause of hypothyroidism. If the thyroid releases inappropriately large amounts of T4 and T3, the affected person may experience symptoms associated with Hyperthyroidism, such as rapid heart rate, weight loss, nervousness, hand tremors, irritated eyes, and difficulty in sleeping. Graves disease is the most common cause of hyperthyroidism. Several medications including dopamine and glucocorticoids or excessive use of dietary supplements containing Biotin may affect TSH results. For diagnostic purpose a test result should always be assessed in conjunction with the individual's medical history, clinical examination and other findings.



**Dr. Rajani Gutha Ph.D**  
Chief Biochemist

VERIFIED BY

APPROVED BY



Name	: MRS. TIRUMALI SRAVANI	Vid	: OPI2425-5130
Id	: K-13151	Collected On	: 16/11/2024 09:02
Age/Gender	: 32 years 5 months/F	Reported On	: 17/11/2024 10:07
DOB	: 29/05/1992	SID	: 24010100005118
Referred By	: BANK OF BARODA (MW)	Barcode	: 

Parameter	Result	Bio. Ref. Interval
-----------	--------	--------------------

**DEPARTMENT OF BIOCHEMISTRY**

**LIVER FUNCTION TEST WITH GAMMA GT ( SAMPLE TYPE - SERUM )**

<b>BILIRUBIN TOTAL</b> <i>(Method: Diazo - Endpoint)</i>	0.44 mg/dl		0.3 - 1.2
<b>BILIRUBIN DIRECT</b> <i>(Method: Diazo - Endpoint)</i>	0.20 mg/dl		0.0 - 0.30
<b>BILIRUBIN INDIRECT</b> <i>(Method: Calculated)</i>	<b>0.24</b> mg/dl	↓	0.25 - 1
<b>SGOT - AST</b> <i>(Method: IFCC without P5P KINETIC)</i>	11 U/L		Upto - 55
<b>SGPT - ALT</b> <i>(Method: IFCC without P5P KINETIC)</i>	09 U/L		Upto - 55
<b>ALKALINE PHOSPHATASE</b> <i>(Method: AMP Optimised IFCC Kinetic)</i>	54 U/L		42 - 98
<b>TOTAL PROTEIN</b> <i>(Method: BIURET)</i>	6.0 gm/dl		6.0 - 8.3
<b>ALBUMIN</b> <i>(Method: Bromo Cresol Green)</i>	3.6 gm/dl		3.5 - 5.2
<b>GLOBULIN</b> <i>(Method: Calculated)</i>	2.4 gm/dl		2.3 - 3.5
<b>A/G RATIO</b> <i>(Method: Calculated)</i>	1.5		1 - 2
<b>GAMMA GT</b> <i>(Method: KINETIC)</i>	22 U/L		5 - 32




**Dr.Rajani Gutha Ph.D**  
Chief Biochemist

VERIFIED BY

APPROVED BY



Name : MRS. TIRUMALI SRAVANI  
Id : K-13151  
Age/Gender : 32 years 5 months/F  
DOB : 29/05/1992  
Referred By : BANK OF BARODA (MW)

Vid : OPI2425-5130  
Collected On : 16/11/2024 09:02  
Reported On : 17/11/2024 10:07  
SID : 24010100005118  
Barcode : 

Parameter	Result	Bio. Ref. Interval
-----------	--------	--------------------

**DEPARTMENT OF BIOCHEMISTRY**

**LIPID PROFILE ( SAMPLE TYPE - SERUM )**

<b>TOTAL CHOLESTEROL</b> (Method: CHOD-POD)	127 mg/dl	Normal: < 200 Borderline High: 200 - 239 High: > 240
<b>TRIGLYCERIDES</b> (Method: GPO-POD End Point)	71 mg/dl	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: > 500
<b>HDL CHOLESTEROL</b> (Method: DIRECT ENZYMATIC)	50 mg/dl	Low: < 40 High: > 60
<b>LDL CHOLESTEROL</b> (Method: CALCULATED)	62.8 mg/dL	Optimal: < 100 Near Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: =/> 190
<b>VLDL</b> (Method: CALCULATED)	14.2 mg/dL	10 - 30
<b>LDL / HDL RATIO</b> (Method: Calculated)	<b>1.26</b> ↓↓	1.5 - 3.5
<b>CHOL / HDL RATIO</b>	<b>2.54</b> ↓↓	3.9 - 5
<b>TGL / HDL RATIO</b>	1.42	< 2




**Dr. Rajani Gutha Ph.D**  
Chief Biochemist

VERIFIED BY

APPROVED BY



Name : MRS. TIRUMALI SRAVANI  
Id : K-13151  
Age/Gender : 32 years 5 months/F  
DOB : 29/05/1992  
Referred By : BANK OF BARODA (MW)

Vid : OPI2425-5130  
Collected On : 16/11/2024 09:02  
Reported On : 17/11/2024 10:07  
SID : 24019900005118  
Barcode : 

Parameter	Result	Bio. Ref. Interval
-----------	--------	--------------------

**DEPARTMENT OF BIOCHEMISTRY**

**FASTING AND POST LUNCH BLOOD SUGAR WITH CORRESPONDING URINE**

<b>Glucose Fasting</b> (Method: GOD-POD)	84 mg/dl	70 - 110
<b>Glucose - PP</b> (Method: GOD-POD)	99 mg/dl	70 - 160

VERIFIED BY


**Dr. Rajani Gutha Ph.D**  
**Chief Biochemist**

APPROVED BY





Name : MRS. TIRUMALI SRAVANI  
Id : K-13151  
Age/Gender : 32 years 5 months/F  
DOB : 29/05/1992  
Referred By : BANK OF BARODA (MW)

Vid : OPI2425-5130  
Collected On : 16/11/2024 09:02  
Reported On : 17/11/2024 10:07  
SID : 24019900005118  
Barcode : 

Parameter	Result	Bio. Ref. Interval
-----------	--------	--------------------

**DEPARTMENT OF HAEMATOLOGY**

**HAEMOGRAM**

<b>HAEMOGLOBIN-HB</b> <i>(Method: Colorimetric Method)</i>	<b>11.5</b> gm%	⇓	12.0 - 15.0
<b>RBC</b> <i>(Method: Electrical Impedance)</i>	4.0 Million/cmm		3.8 - 4.8
<b>PCV</b> <i>(Method: Cumulative Pulse Height)</i>	<b>34</b> %	⇓	36 - 46
<b>MCV</b> <i>(Method: Automated Calculation)</i>	<b>79</b> fl	⇓	83 - 101
<b>MCH</b> <i>(Method: Calculated)</i>	<b>26</b> pg	⇓	27 - 32
<b>MCHC</b> <i>(Method: Calculated)</i>	33 %		31.5 - 34.5
<b>TOTAL WBC COUNT - TC</b> <i>(Method: Electrical Impedance)</i>	<b>2800</b> Cells/cumm	⇓	4000 - 11000
<b>DIFFERENTIAL COUNT</b> <i>(Method: Flow cytometry/ Microscopy)</i>			
NEUTROPHIL	57 %		40 - 80
LYMPHOCYTES	38 %		20 - 40
EOSINOPHILS	02 %		1 - 6
MONOCYTES	03 %		2 - 10
BASOPHILS	00 %		< 2
<b>PLATELET COUNT</b> <i>(Method: Electrical Impedance)</i>	204000 cells/cmm		150000 - 410000
<b>ERYTHROCYTE SEDIMENTATION RATE - ESR</b> <i>(Method: Manual Modified Westergren method)</i>	<b>23</b> mm/hr	⇑	1 - 20
<b>RETICULOCYTE COUNT</b> <i>(Method: Microscopic)</i>	0.8 %		0.0 - 2.5
<b>PERIPHERAL SMEAR STUDY</b> <i>(Method: Microscopic)</i>			
RBC'S	Normocytic/Hypochromic		
WBC'S	Leucopenia		
PLATELETS	Adequate		

*Ramadevi*

**Dr. S RAMADEVI M.B.B.S**  
**MD PATHOLOGIST**

VERIFIED BY

APPROVED BY