Vijaya Diagnostic Centre
3-6-16 & 17, Street # 19, Himayathnagar,
Hyderabad-29. Ph: 23420422 / 423 / 424 / 425.

# LABORATORY TEST REPORT

| | | | |
|---|---|---|---|
| Regn Date | : 25/10/2017 07:48 | Sample Collection | : 25/10/2017 07:52 |
| Name | : **MR. SRI RAMA CHANDRA REDDY** | Print Date | : 25/10/2017 10:49 |
| Regn No | : **431792658** | Age / Sex | : **16 Years** / **Male** |
| Ref By | : Dr. RAGHU RAMI REDDY A | Regn Centre | : Kurnool |
| Sample Type | : Serum | | |

## CREATININE - SERUM

| TEST NAME | | RESULT | BIOLOGICAL REFERENCE RANGE |
|---|---|---|---|
| **CREATININE** | **:** | 0.6 | Male: 0.7- 1.2 mg/dL<br>Neonates: 0.3- 1.0 mg/dL<br>Children: 0.3 - 0.8 mg/dL |

*Method : Jaffe Kinetic (IDMS Traceable)*

**MUNI SUDHAKHAR G**
**BIOCHEMIST**

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| Sample Type | : Serum | | |

## LIPID PROFILE (LP)

| TEST NAME | | RESULT | BIOLOGICAL REFERENCE RANGE |
|---|---|---|---|
| **Serum Status** | : | Clear | |
| **Triglycerides** | : | 146 | Desirable Level : < 150 mg/dL<br>Borderline : 150 - 199 mg/dL<br>High : 200 - 499 mg/dL<br>Very High : > 500 mg/dL |
| *Method : GPO-POD* | | | |
| **Total Cholesterol** | : | 135 | Desirable Level : < 200 mg/dL<br>Borderline : 200 - 240 mg/dL<br>Undesirable : > 240 mg/dL |
| *Method : CHOD-POD* | | | |
| **LDL Cholesterol.** | : | 80 | Optimal : < 100 mg/dL<br>Near Optimal : 100 - 129 mg/dL<br>Borderline High : 130 - 159 mg/dL<br>High : 160 - 189 mg/dL<br>Very High : > 190 mg/dL |
| *Method: Calculation* | | | |
| **HDL Cholesterol** | : | 26 | Desirable Level : > 60 mg/dL<br>Optimal : 40 - 59 mg/dL<br>Undesirable : < 40 mg/dL |
| *Method : Enzymatic Immunoinhibition* | | | |
| **VLDL** | : | 29 | < 30 mg/dL |
| *Method: Calculation* | | | |
| **Total Cholesterol/HDL Cholesterol Ratio** | : | 5.19 | Low Risk : 3.3 - 4.4<br>Average Risk : 4.5 - 7.1<br>Moderate Risk : 7.2 - 11.0 |
| *Method: Calculation* | | | |
| **LDL Cholesterol/HDL Cholesterol Ratio** | : | 3.07 | Desirable Level : 0.5 - 3.0<br>Borderline Risk : 3.0 - 6.0<br>High Risk : > 6.0 |
| *Method: Calculation* | | | |

Comments / Interpretation :

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- Lipid profile is a panel of blood tests that serves as an initial broad medical screening tool for abnormalities in lipids, the results of this tests can identify certain genetic diseases and can determine approximate risks for cardiovascular disease, certain forms of pancreatitis other diseases.

G. Muni Sudhakar

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| Sample Type | : Serum | | |

## LFT- A (BIL D & IN, SGPT, SGOT, ALP, GGT, TP-ALB, GLO, A/G RATIO)

| TEST NAME | | RESULT | BIOLOGICAL REFERENCE RANGE |
|---|---|---|---|
| **Total Bilirubin**<br>*Method : Dichlorophenyl Diazonium Tetrafluroborate* | : | 0.4 | 0.3 - 1.2 mg/dL |
| **Conjugated Bilirubin**<br>*Method : Dichlorophenyl Diazonium Tetrafluroborate* | : | 0.1 | Less than 0.2 mg/dL |
| **Unconjugated Bilirubin**<br>*Method : Dichlorophenyl Diazonium Tetrafluroborate + Calculation* | : | 0.3 | 0.3 - 1.00 mg/dL |
| **SGPT / ALT**<br>*Method : IFCC without P-5-P* | : | 23 | Male Adults: Upto 50 U/L<br>Newborn/Infant: 13 - 45 U/L |
| **SGOT / AST**<br>*Method : IFCC without P-5-P* | : | 21 | Male (Adult): 0-50 U/L<br>New Born: 25 – 75 U/L<br>Infant: 15 – 60 U/L |
| **ALKALINE PHOSPHATASE (ALP)**<br>*Method : PNP AMP* | : | **174** | 52 - 171 U/L |
| **Total Protein (TP)**<br>*Method : Biuret* | : | 7.6 | 5.7 - 8.0 g/dL |
| **ALBUMIN**<br>*Method : Bromocresol Green (BCG)* | : | 4.1 | Adult: 3.5-5.2 g/dL<br>New Born (0- 4 Days): 2.8-4.4 g/dL |
| **GLOBULIN**<br>*Method : Calculated* | : | 3.50 | 1.8-3.6 g/dL |
| **Albumin / Globulin (A/G) Ratio (LFT-A)** | : | 1.2 | 0.8 - 2.0 |
| **Gamma-Glutamyl Transferase (GGT)**<br>*Method : IFCC UV Kinetic* | : | 17 | 2 - 42 U/L |

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