

Lab Address:- # Plot No. 564 , 1st floor , Buddhanagar , Near Sai Baba Temple Peerzadiguda Boduppal Hyderabad, Telangana.  
ICMR Reg .No. SAPALAPVLHT (Covid -19)

|                    |                          |               |                        |
|--------------------|--------------------------|---------------|------------------------|
| Name               | : Mrs. SUNITHA           |               |                        |
| Sample ID          | : b2993357               |               |                        |
| Age/Gender         | : 40 Years/Female        | Reg. No       | : 0842506210054        |
| Referred by        | : Dr. SWETHA             | SPP Code      | : SPL-TG-144           |
| Referring Customer | : SATHWIK SAI DIAGNOSTIC | Collected On  | : 21-Jun-2025 05:00 PM |
| Primary Sample     | : Whole Blood            | Received On   | : 21-Jun-2025 10:43 PM |
| Sample Tested In   | : Serum                  | Reported On   | : 21-Jun-2025 11:46 PM |
| Client Address     | :                        | Report Status | : Final Report         |



## CLINICAL BIOCHEMISTRY

| Test Name | Results | Units | Biological Reference Interval |
|-----------|---------|-------|-------------------------------|
|-----------|---------|-------|-------------------------------|

### Lipid Profile

|                                                      |               |       |       |
|------------------------------------------------------|---------------|-------|-------|
| Cholesterol Total<br>(Method: CHOD-POD)              | <b>210.0</b>  | mg/dL | < 200 |
| Triglycerides-TGL<br>(Method: GPO-POD)               | <b>169.9</b>  | mg/dL | < 150 |
| Cholesterol-HDL<br>(Method: Direct)                  | 49.3          | mg/dL | 40-60 |
| Cholesterol-LDL<br>(Method: Calculated)              | <b>126.72</b> | mg/dL | < 100 |
| Cholesterol- VLDL<br>(Method: Calculated)            | 33.98         | mg/dL | 7-35  |
| Non HDL Cholesterol<br>(Method: Calculated)          | <b>160.7</b>  | mg/dL | < 130 |
| Cholesterol Total /HDL Ratio<br>(Method: Calculated) | <b>4.26</b>   | Ratio | 0-4.0 |
| LDL/HDL Ratio<br>(Method: Calculated)                | 2.57          | Ratio | 0-3.5 |

The National Cholesterol Education program's third Adult Treatment Panel (ATPIII) has issued its recommendations on evaluating and treating lipid disorders for primary and secondary.

| NCEP Recommendations | Cholesterol Total in (mg/dL)       | Triglycerides in (mg/dL) | HDL Cholesterol (mg/dL) | LDL Cholesterol in (mg/dL)          | Non HDL Cholesterol in (mg/dL) |
|----------------------|------------------------------------|--------------------------|-------------------------|-------------------------------------|--------------------------------|
| Optimal              | Adult: < 200<br>Children: < 170    | < 150                    | 40-59                   | Adult:<100<br>Children: <110        | <130                           |
| Above Optimal        | -----                              | -----                    |                         | 100-129                             | 130 - 159                      |
| Borderline High      | Adult: 200-239<br>Children:171-199 | 150-199                  |                         | Adult: 130-159<br>Children: 111-129 | 160 - 189                      |
| High                 | Adult:>or=240<br>Children:>or=200  | 200-499                  | ≥ 60                    | Adult:160-189<br>Children:>or=130   | 190 - 219                      |
| Very High            | -----                              | >or=500                  |                         | Adult: >or=190<br>-----             | >=220                          |

**Note:** LDL cholesterol cannot be calculated if triglyceride is >400 mg/dL (Friedewald's formula). Calculated values not provided for LDL and VLDL

\*\*\* End Of Report \*\*\*



DR. LAVANYA LAGISETTY  
MD BIOCHEMISTRY

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ICMR Reg .No. SAPALAPVLHT (Covid -19)

|                    |                          |               |                        |
|--------------------|--------------------------|---------------|------------------------|
| Name               | : Mrs. K.KRISHNA         |               |                        |
| Sample ID          | : b2993358               |               |                        |
| Age/Gender         | : 42 Years/Female        | Reg. No       | : 0842506210055        |
| Referred by        | : Dr. KRISHNA            | SPP Code      | : SPL-TG-144           |
| Referring Customer | : SATHWIK SAI DIAGNOSTIC | Collected On  | : 21-Jun-2025 05:20 PM |
| Primary Sample     | : Whole Blood            | Received On   | : 21-Jun-2025 10:44 PM |
| Sample Tested In   | : Serum                  | Reported On   | : 21-Jun-2025 11:49 PM |
| Client Address     | :                        | Report Status | : Final Report         |



## CLINICAL BIOCHEMISTRY

| Test Name | Results | Units | Biological Reference Interval |
|-----------|---------|-------|-------------------------------|
|-----------|---------|-------|-------------------------------|

### Lipid Profile

|                                                      |                   |       |       |
|------------------------------------------------------|-------------------|-------|-------|
| Cholesterol Total<br>(Method: CHOD-POD)              | <b>203.8</b>      | mg/dL | < 200 |
| Triglycerides-TGL<br>(Method: GPO-POD)               | <b>573.3</b>      | mg/dL | < 150 |
| Cholesterol-HDL<br>(Method: Direct)                  | <b>31.4</b>       | mg/dL | 40-60 |
| Cholesterol-LDL<br>(Method: Calculated)              | Not<br>Calculated | mg/dL | < 100 |
| Cholesterol- VLDL<br>(Method: Calculated)            | Not<br>Calculated | mg/dL | 7-35  |
| Non HDL Cholesterol<br>(Method: Calculated)          | <b>172.4</b>      | mg/dL | < 130 |
| Cholesterol Total /HDL Ratio<br>(Method: Calculated) | <b>6.49</b>       | Ratio | 0-4.0 |
| LDL/HDL Ratio<br>(Method: Calculated)                | Not<br>Calculated | Ratio | 0-3.5 |

The National Cholesterol Education program's third Adult Treatment Panel (ATPIII) has issued its recommendations on evaluating and treating lipid disorders for primary and secondary.

| NCEP Recommendations | Cholesterol Total in (mg/dL)       | Triglycerides in (mg/dL) | HDL Cholesterol (mg/dL) | LDL Cholesterol in (mg/dL)          | Non HDL Cholesterol in (mg/dL) |
|----------------------|------------------------------------|--------------------------|-------------------------|-------------------------------------|--------------------------------|
| Optimal              | Adult: < 200<br>Children: < 170    | < 150                    | 40-59                   | Adult:<100<br>Children: <110        | <130                           |
| Above Optimal        | -----                              | -----                    |                         | 100-129                             | 130 - 159                      |
| Borderline High      | Adult: 200-239<br>Children:171-199 | 150-199                  |                         | Adult: 130-159<br>Children: 111-129 | 160 - 189                      |
| High                 | Adult:>or=240<br>Children:>or=200  | 200-499                  | ≥ 60                    | Adult:160-189<br>Children:>or=130   | 190 - 219                      |
| Very High            | -----                              | >or=500                  |                         | Adult: >or=190<br>-----             | >=220                          |

**Note:** LDL cholesterol cannot be calculated if triglyceride is >400 mg/dL (Friedewald's formula). Calculated values not provided for LDL and VLDL

\*\*\* End Of Report \*\*\*



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|                    |                          |               |                        |
|--------------------|--------------------------|---------------|------------------------|
| Name               | : Mr. K.NAGESH           |               |                        |
| Sample ID          | : b2993359               |               |                        |
| Age/Gender         | : 44 Years/Male          | Reg. No       | : 0842506210056        |
| Referred by        | : Dr. SWETHA             | SPP Code      | : SPL-TG-144           |
| Referring Customer | : SATHWIK SAI DIAGNOSTIC | Collected On  | : 21-Jun-2025 05:20 PM |
| Primary Sample     | : Whole Blood            | Received On   | : 21-Jun-2025 10:43 PM |
| Sample Tested In   | : Serum                  | Reported On   | : 21-Jun-2025 11:46 PM |
| Client Address     | :                        | Report Status | : Final Report         |



### CLINICAL BIOCHEMISTRY

| Test Name                           | Results | Units | Biological Reference Interval                                                |
|-------------------------------------|---------|-------|------------------------------------------------------------------------------|
| Insulin - Fasting<br>(Method: CLIA) | 8.24    | mIU/L | Random Insulin:2.6-37.6<br>Fasting Insulin :3.0-25.0<br>PP Insulin: 5.0-55.0 |
| Cortisol -Morning<br>(Method: CLIA) | 7.18    | µg/dL | 4.3-22.4                                                                     |

#### Interpretation:

The cortisol urine test measures the level of cortisol in the urine. Cortisol is a glucocorticoid (steroid) hormone produced by the adrenal gland. The test is done to check for increased or decreased cortisol production. Cortisol is a glucocorticoid (steroid) hormone released from the adrenal gland in response to adrenocorticotrophic hormone (ACTH). This is a hormone released from the pituitary gland in the brain. Cortisol affects many different body systems. It plays a role in:

- Bone growth
- Blood pressure control
- Metabolism of fats, carbohydrates, and protein

\*\*\* End Of Report \*\*\*



DR. LAVANYA LAGISETTY  
MD BIOCHEMISTRY

|                    |                          |               |                        |
|--------------------|--------------------------|---------------|------------------------|
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| Sample ID          | : b2993359               |               |                        |
| Age/Gender         | : 44 Years/Male          | Reg. No       | : 0842506210056        |
| Referred by        | : Dr. SWETHA             | SPP Code      | : SPL-TG-144           |
| Referring Customer | : SATHWIK SAI DIAGNOSTIC | Collected On  | : 21-Jun-2025 05:20 PM |
| Primary Sample     | : Whole Blood            | Received On   | : 21-Jun-2025 10:43 PM |
| Sample Tested In   | : Serum                  | Reported On   | : 21-Jun-2025 11:52 PM |
| Client Address     | :                        | Report Status | : Final Report         |



### CLINICAL BIOCHEMISTRY

| Test Name | Results | Units | Biological Reference Interval |
|-----------|---------|-------|-------------------------------|
|-----------|---------|-------|-------------------------------|

#### Lipid Profile

|                                                      |              |       |       |
|------------------------------------------------------|--------------|-------|-------|
| Cholesterol Total<br>(Method: CHOD-POD)              | <b>232</b>   | mg/dL | < 200 |
| Triglycerides-TGL<br>(Method: GPO-POD)               | <b>199</b>   | mg/dL | < 150 |
| Cholesterol-HDL<br>(Method: Direct)                  | 40           | mg/dL | 40-60 |
| Cholesterol-LDL<br>(Method: Calculated)              | <b>152.2</b> | mg/dL | < 100 |
| Cholesterol- VLDL<br>(Method: Calculated)            | <b>39.8</b>  | mg/dL | 7-35  |
| Non HDL Cholesterol<br>(Method: Calculated)          | <b>192</b>   | mg/dL | < 130 |
| Cholesterol Total /HDL Ratio<br>(Method: Calculated) | <b>5.8</b>   | Ratio | 0-4.0 |
| LDL/HDL Ratio<br>(Method: Calculated)                | <b>3.81</b>  | Ratio | 0-3.5 |

The National Cholesterol Education program's third Adult Treatment Panel (ATPIII) has issued its recommendations on evaluating and treating lipid disorders for primary and secondary.

| NCEP Recommendations | Cholesterol Total in (mg/dL)       | Triglycerides in (mg/dL) | HDL Cholesterol (mg/dL) | LDL Cholesterol in (mg/dL)          | Non HDL Cholesterol in (mg/dL) |
|----------------------|------------------------------------|--------------------------|-------------------------|-------------------------------------|--------------------------------|
| Optimal              | Adult: < 200<br>Children: < 170    | < 150                    | 40-59                   | Adult:<100<br>Children: <110        | <130                           |
| Above Optimal        | -----                              | -----                    |                         | 100-129                             | 130 - 159                      |
| Borderline High      | Adult: 200-239<br>Children:171-199 | 150-199                  |                         | Adult: 130-159<br>Children: 111-129 | 160 - 189                      |
| High                 | Adult:>or=240<br>Children:>or=200  | 200-499                  | ≥ 60                    | Adult:160-189<br>Children:>or=130   | 190 - 219                      |
| Very High            | -----                              | >or=500                  |                         | Adult: >or=190<br>-----             | >=220                          |

**Note:** LDL cholesterol cannot be calculated if triglyceride is >400 mg/dL (Friedewald's formula). Calculated values not provided for LDL and VLDL

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