

|              |   |               |   |
|--------------|---|---------------|---|
| Name         | : Mr. DEVENDRA PRATAP                       | Age           | : 31 Years                                    |
| Lab No.      | : 305534283                                 | Gender        | : Male  |
| Ref By       | : DR A BATSH                                | Reported      | : 7/10/2022 6:16:13PM                         |
| Collected    | : 7/10/2022 11:49:00AM                      | Report Status | : Final                                       |
| A/c Status   | : P   |               |   |
| Collected at | : VERMA DIAGNOSTIC                          | Processed at  | : Patna Lab II                                |
|              | : B-24, MITRA MANDAL COLONY, SAKET VIHAR, M |               | : R K ESTATE opposite IGIMS Raja Bazar Bailey |
|              | : no -7050483752                            |               | : Road Patna-800014                           |

### Test Report

| Test Name | Results | Units | Bio. Ref. Interval |
|-----------|---------|-------|--------------------|
|-----------|---------|-------|--------------------|

#### SwasthFit Super 2

#### COMPLETE BLOOD COUNT;CBC (Electrical Impedence & Flow)

|   |       |          |                 |
|---|-------|----------|-----------------|
| Hemoglobin                                | 14.60 | g/dL     | 13.00 - 17.00   |
| Packed Cell Volume (PCV)                  | 48.30 | %        | 40.00 - 50.00   |
| RBC Count                                 | 5.22  | mill/mm3 | 4.50 - 5.50     |
| MCV                                       | 92.50 | fL       | 83.00 - 101.00  |
| MCH                                       | 28.00 | pg       | 27.00 - 32.00   |
| MCHC                                      | 30.20 | g/dL     | 31.50 - 34.50   |
| Red Cell Distribution Width (RDW)         | 14.70 | %        | 11.60 - 14.00   |
| Total Leukocyte Count (TLC)               | 8.22  | thou/mm3 | 4.00 - 10.00    |
| <b>Differential Leucocyte Count (DLC)</b> |       |          |                 |
| Segmented Neutrophils                     | 61.10 | %        | 40.00 - 80.00   |
| Lymphocytes                               | 32.40 | %        | 20.00 - 40.00   |
| Monocytes                                 | 2.90  | %        | 2.00 - 10.00    |
| Eosinophils                               | 3.20  | %        | 1.00 - 6.00     |
| Basophils                                 | 0.40  | %        | <2.00           |
| <b>Absolute Leucocyte Count</b>           |       |          |                 |
| Neutrophils                               | 5.02  | thou/mm3 | 2.00 - 7.00     |
| Lymphocytes                               | 2.66  | thou/mm3 | 1.00 - 3.00     |
| Monocytes                                 | 0.24  | thou/mm3 | 0.20 - 1.00     |
| Eosinophils                               | 0.26  | thou/mm3 | 0.02 - 0.50     |
| Basophils                                 | 0.03  | thou/mm3 | 0.02 - 0.10     |
| Platelet Count                            | 168   | thou/mm3 | 150.00 - 410.00 |

#### Note

- As per the recommendation of International council for Standardization in Hematology, the differential leucocyte counts are additionally being reported as absolute numbers of each cell in per unit volume of



|              |   |               |   |
|--------------|---|---------------|---|
| Name         | : Mr. DEVENDRA PRATAP                       | Age           | : 31 Years                                    |
| Lab No.      | : 305534283                                 | Gender        | : Male  |
| Ref By       | : DR A BATSH                                | Reported      | : 7/10/2022 6:16:13PM                         |
| Collected    | : 7/10/2022 11:49:00AM                      | Report Status | : Final                                       |
| A/c Status   | : P   |               |   |
| Collected at | : VERMA DIAGNOSTIC                          | Processed at  | : Patna Lab II                                |
|              | : B-24, MITRA MANDAL COLONY, SAKET VIHAR, M |               | : R K ESTATE opposite IGIMS Raja Bazar Bailey |
|              | : no -7050483752                            |               | : Road Patna-800014                           |

Test Report

| Test Name                             | Results | Units | Bio. Ref. Interval |
|---------------------------------------|---------|-------|--------------------|
| blood                                 |         |       |                    |
| 2. Test conducted on EDTA whole blood |         |       |                    |



|              |   |               |  |
|--------------|---|---------------|--|
| Name         | : Mr. DEVENDRA PRATAP   | Age           | : 31 Years   |
| Lab No.      | : 305534283   | Gender        | : Male   |
| Ref By       | : DR A BATSH  | Reported      | : 7/10/2022 6:16:13PM  |
| Collected    | : 7/10/2022 11:49:00AM  | Report Status | : Final  |
| A/c Status   | : P   |               |  |
| Collected at | : VERMA DIAGNOSTIC<br>B-24, MITRA MANDAL COLONY, SAKET VIHAR, M<br>no -7050483752 | Processed at  | : Patna Lab II<br>R K ESTATE opposite IGIMS Raja Bazar<br>Bailey Road Patna-800014 |

### Test Report

| Test Name   | Results      | Units | Bio. Ref. Interval |
|---|--------------|-------|--------------------|
| <b>LIVER &amp; KIDNEY PANEL, SERUM</b><br>(Spectrophotometry, Indirect ISE) |              |       |                    |
| Bilirubin Total   | 0.50         | mg/dL | <1.10              |
| Bilirubin Direct  | 0.18         | mg/dL | <0.20              |
| Bilirubin Indirect  | 0.32         | mg/dL | <1.10              |
| AST (SGOT)  | <b>83.8</b>  | U/L   | <40                |
| ALT (SGPT)  | <b>186.4</b> | U/L   | <41                |
| GGTP  | 23.0         | U/L   | <71.00             |
| Alkaline Phosphatase (ALP)  | 52.00        | U/L   | <128               |
| Total Protein   | 7.42         | g/dL  | 6.40 - 8.30        |
| Albumin   | <b>5.10</b>  | g/dL  | 3.97 - 4.94        |
| A : G Ratio   | <b>2.20</b>  |       | 0.90 - 2.00        |
| Urea  | <b>18.10</b> | mg/dL | 19.00 - 44.00      |
| Creatinine  | 0.80         | mg/dL | <1.20              |
| Uric Acid   | 4.20         | mg/dL | 3.4 - 7.0          |
| Calcium, Total  | 8.92         | mg/dL | 8.6 - 10.0         |
| Phosphorus  | 2.92         | mg/dL | 2.6 - 4.5          |
| Sodium  | 136.60       | mEq/L | 136.00 - 145.00    |
| Potassium   | 4.39         | mEq/L | 3.5 - 5.1          |
| Chloride  | 100.60       | mEq/L | 97 - 107           |



|   |  |
|---|--|
| <b>Name</b> : Mr. DEVENDRA PRATAP   | <b>Age</b> : 31 Years  |
| <b>Lab No.</b> : 305534283  | <b>Gender</b> : Male   |
| <b>Ref By</b> : DR A BATSH  | <b>Reported</b> : 7/10/2022 6:16:13PM  |
| <b>Collected</b> : 7/10/2022 11:49:00AM   | <b>Report Status</b> : Final   |
| <b>A/c Status</b> : P   |  |
| <b>Collected at</b> : VERMA DIAGNOSTIC<br>B-24, MITRA MANDAL COLONY, SAKET VIHAR,<br>M no -7050483752 | <b>Processed at</b> : Patna Lab II<br>R K ESTATE opposite IGIMS Raja Bazar Bailey<br>Road Patna-800014 |

### Test Report

| Test Name   | Results | Units | Bio. Ref. Interval |
|---|---------|-------|--------------------|
| <b>HbA1c (GLYCOSYLATED HEMOGLOBIN), BLOOD</b><br>(HPLC, NGSP certified) |         |       |                    |
| HbA1c   | 5.4     | %     | 4.00 - 5.60        |
| Estimated average glucose (eAG)   | 108     | mg/dL |                    |

### Interpretation

HbA1c result is suggestive of non diabetic adults ( $\geq 18$  years)/ well controlled Diabetes in a known Diabetic

**Note:** Presence of Hemoglobin variants and/or conditions that affect red cell turnover must be considered, particularly when the HbA1C result does not correlate with the patient's blood glucose levels.

| FACTORS THAT INTERFERE WITH HbA1C MEASUREMENT  | FACTORS THAT AFFECT INTERPRETATION OF HbA1C RESULTS   |
|--|---|
| Hemoglobin variants, elevated fetal hemoglobin (HbF) and chemically modified derivatives of hemoglobin (e.g. carbamylated Hb in patients with renal failure) can affect the accuracy of HbA1c measurements | Any condition that shortens erythrocyte survival or decreases mean erythrocyte age (e.g., recovery from acute blood loss, hemolytic anemia, HbSS, HbCC, and HbSC) will falsely lower HbA1c test results regardless of the assay method used. Iron deficiency anemia is associated with higher HbA1c |



Name : Mr. DEVENDRA PRATAP

Lab No. : 305534283

Ref By : DR A BATSH

Collected : 7/10/2022 11:49:00AM

A/c Status : P

Collected at : VERMA DIAGNOSTIC  
B-24, MITRA MANDAL COLONY,SAKET VIHAR, M  
no -7050483752

Age : 31 Years

Gender : Male

Reported : 7/10/2022 6:16:13PM

Report Status : Final

Processed at : Patna Lab II  
R K ESTATE opposite IGIMS Raja Bazar  
Bailey Road Patna-800014

Test Report

| Test Name                                    | Results | Units | Bio. Ref. Interval |
|--|---------|-------|--------------------|
| GLUCOSE, FASTING (F), PLASMA<br>(Hexokinase) | 92.00   | mg/dL | 70.00 - 100.00     |





|   |  |
|---|--|
| <b>Name</b> : Mr. DEVENDRA PRATAP   | <b>Age</b> : 31 Years  |
| <b>Lab No.</b> : 305534283  | <b>Gender</b> : Male   |
| <b>Ref By</b> : DR A BATSH  | <b>Reported</b> : 7/10/2022 6:16:13PM  |
| <b>Collected</b> : 7/10/2022 11:49:00AM   | <b>Report Status</b> : Final   |
| <b>A/c Status</b> : P   |  |
| <b>Collected at</b> : VERMA DIAGNOSTIC<br>B-24, MITRA MANDAL COLONY, SAKET VIHAR, M no<br>-7050483752 | <b>Processed at</b> : Patna Lab II<br>R K ESTATE opposite IGIMS Raja Bazar<br>Bailey Road Patna-800014 |

### Test Report

| Test Name                                    | Results     | Units  | Bio. Ref. Interval |
|--|-------------|--------|--------------------|
| <b>THYROID PROFILE, TOTAL, SERUM (ECLIA)</b> |             |        |                    |
| T3, Total                                    | 1.79        | ng/mL  | 0.80 - 2.00        |
| T4, Total                                    | 8.60        | µg/dL  | 5.10 - 14.10       |
| TSH  | <b>5.62</b> | µIU/mL | 0.27 - 4.20        |

### Note

1. TSH levels are subject to circadian variation, reaching peak levels between 2 - 4.a.m. and at a minimum between 6-10 pm . The variation is of the order of 50% . hence time of the day has influence on the measured serum TSH concentrations.
2. Alteration in concentration of Thyroid hormone binding protein can profoundly affect Total T3 and/or Total T4 levels especially in pregnancy and in patients on steroid therapy.
3. Unbound fraction ( Free,T4 /Free,T3) of thyroid hormone is biologically active form and correlate more closely with clinical status of the patient than total T4/T3 concentration
4. Values <0.03 uIU/mL need to be clinically correlated due to presence of a rare TSH variant in some individuals



|  |  |
|--|--|
| <b>Name</b> : Mr. DEVENDRA PRATAP  | <b>Age</b> : 31 Years  |
| <b>Lab No.</b> : 305534283   | <b>Gender</b> : Male   |
| <b>Ref By</b> : DR A BATSH   | <b>Reported</b> : 7/10/2022 6:16:13PM  |
| <b>Collected</b> : 7/10/2022 11:49:00AM  | <b>Report Status</b> : Final   |
| <b>A/c Status</b> : P  |  |
| <b>Collected at</b> : VERMA DIAGNOSTIC<br>B-24, MITRA MANDAL COLONY,SAKET VIHAR, M<br>no -7050483752 | <b>Processed at</b> : Patna Lab II<br>R K ESTATE opposite IGIMS Raja Bazar<br>Bailey Road Patna-800014 |

### Test Report

| Test Name                               | Results | Units | Bio. Ref. Interval |
|---|---------|-------|--------------------|
| <b>LIPID SCREEN, SERUM</b><br>(CHO-POD) |         |       |                    |
| Cholesterol, Total                      | 164.70  | mg/dL | <200               |
| Triglycerides                           | 151.50  | mg/dL | <150.00            |
| HDL Cholesterol                         | 29.30   | mg/dL | >40                |
| LDL Cholesterol, Calculated             | 105.10  | mg/dL | <100.00            |
| VLDL Cholesterol, Calculated            | 30.30   | mg/dL | <30.00             |
| Non-HDL Cholesterol                     | 135     | mg/dL | <130               |

### Interpretation

| REMARKS         | TOTAL CHOLESTEROL<br>in mg/dL | TRIGLYCERIDE<br>in mg/dL | LDL CHOLESTEROL<br>in mg/dL | NON HDL CHOLESTEROL<br>in mg/dL |
|-----------------|-------------------------------|--------------------------|-----------------------------|---------------------------------|
| Optimal         | <200                          | <150                     | <100                        | <130                            |
| Above Optimal   | -                             | -                        | 100-129                     | 130 - 159                       |
| Borderline High | 200-239                       | 150-199                  | 130-159                     | 160 - 189                       |
| High            | >=240                         | 200-499                  | 160-189                     | 190 - 219                       |
| Very High       | -                             | >=500                    | >=190                       | >=220                           |

### Note

- Measurements in the same patient can show physiological & analytical variations. Three serial samples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL& LDL Cholesterol.
- NLA-2014 recommends a complete lipoprotein profile as the initial test for evaluating cholesterol.



|   |  |
|---|--|
| <b>Name</b> : Mr. DEVENDRA PRATAP   | <b>Age</b> : 31 Years  |
| <b>Lab No.</b> : 305534283  | <b>Gender</b> : Male   |
| <b>Ref By</b> : DR A BATSH  | <b>Reported</b> : 7/10/2022 6:16:13PM  |
| <b>Collected</b> : 7/10/2022 11:49:00AM   | <b>Report Status</b> : Final   |
| <b>A/c Status</b> : P   |  |
| <b>Collected at</b> : VERMA DIAGNOSTIC<br>B-24, MITRA MANDAL COLONY, SAKET VIHAR, M<br>no -7050483752 | <b>Processed at</b> : Patna Lab II<br>R K ESTATE opposite IGIMS Raja Bazar<br>Bailey Road Patna-800014 |

### Test Report

| Test Name   | Results | Units | Bio. Ref. Interval |
|---|---------|-------|--------------------|
| 3. Friedewald equation to calculate LDL cholesterol is most accurate when Triglyceride level is < 400 mg/dL. Measurement of Direct LDL cholesterol is recommended when Triglyceride level is > 400 mg/dL  |         |       |                    |
| 4. NLA-2014 identifies Non HDL Cholesterol(an indicator of all atherogenic lipoproteins such as LDL , VLDL, IDL, Lp(a), Chylomicron remnants) along with LDL-cholesterol as co- primary target for cholesterol lowering therapy. Note that major risk factors can modify treatment goals for LDL & Non HDL. |         |       |                    |
| 5. Apolipoprotein B is an optional, secondary lipid target for treatment once LDL & Non HDL goals have been achieved  |         |       |                    |
| 6. Additional testing for Apolipoprotein B, hsCRP, Lp(a) & LP-PLA2 should be considered among patients with moderate risk for ASCVD for risk refinement   |         |       |                    |

### Treatment Goals as per Lipid Association of India 2016

| RISK CATEGORY | TREATMENT GOAL                  |   | CONSIDER THERAPY                |   |
|---------------|---------------------------------|---|---------------------------------|---|
|               | LDL CHOLESTEROL (LDL-C) (mg/dL) | NON HDL CHOLESTEROL (NON HDL-C) (mg/dL) | LDL CHOLESTEROL (LDL-C) (mg/dL) | NON HDL CHOLESTEROL (NON HDL-C) (mg/dL) |
| Very High     | <50                             | <80                                     | >=50                            | >=80                                    |
| High          | <70                             | <100                                    | >=70                            | >=100                                   |
| Moderate      | <100                            | <130                                    | >=100                           | >=130                                   |
| Low           | <100                            | <130                                    | >=130*                          | >=160*                                  |

\*In low risk patient, consider therapy after an initial non-pharmacological intervention for at least 3 months

Manju Sharma 

Dr Manju Sharma  
DCP, Pathology  
Chief of Laboratory  
Dr Lal PathLabs Ltd

Dr. Shalini Sinha  
MBBS, DCP  
Chief of Lab

-----End of report -----





|              |  |               |                                      |
|--------------|--|---------------|--------------------------------------|
| Name         | : Mr. DEVENDRA PRATAP                    | Age           | : 31 Years                           |
| Lab No.      | : 305534283                              | Gender        | : Male                               |
| Ref By       | : DR A BATSH                             | Reported      | : 7/10/2022 6:16:13PM                |
| Collected    | : 7/10/2022 11:49:00AM                   | Report Status | : Final                              |
| A/c Status   | : P                                      |               |                                      |
| Collected at | : VERMA DIAGNOSTIC                       | Processed at  | : Patna Lab II                       |
|              | B-24, MITRA MANDAL COLONY,SAKET VIHAR, M |               | R K ESTATE opposite IGIMS Raja Bazar |
|              | no -7050483752                           |               | Bailey Road Patna-800014             |

Test Report

| Test Name | Results   | Units | Bio. Ref. Interval |
|-----------|---|-------|--------------------|
|           |  |       |                    |

IMPORTANT INSTRUCTIONS

•Test results released pertain to the specimen submitted. •All test results are dependent on the quality of the sample received by the Laboratory. •Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician. •Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted. •Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting. •Test results may show interlaboratory variations. •The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s). •Test results are not valid for medico legal purposes. •This is computer generated medical diagnostic report that has been validated by Authorized Medical Practitioner/Doctor. •The report does not need physical signature.  
(#) Sample drawn from outside source.  
If Test results are alarming or unexpected, client is advised to contact the Customer Care immediately for possible remedial action.  
Tel: +91-11-49885050, Fax: - +91-11-2788-2134, E-mail: lalpathlabs@lalpathlabs.com

