



## TRUST MEDICAL LABORATORY

M1 Dubai Islamic Bank same building, Al wuheida Road,

Al Mamzar Dubai UAE P.O Box:94733

Tel No. : 04-23988766, Fax : 04-2398299, Email: info@tmluae.com



## LABORATORY INVESTIGATION REPORT

Name : AHMAD JAMAL Referral Clinic : PESHAWAR MEDICAL CENTER (

D.O.B / Sex : 11-Jul-1991 (31 Years) / MALE Referral Doctor : DR. SAJID

PatientID/Nationality : 159357 / JORDAN LabID / Clinic No. : 109491 / 34191

| Test Name             | Result             | Unit   | Ref. Range                                                                                                   | Methodology            |
|-----------------------|--------------------|--------|--------------------------------------------------------------------------------------------------------------|------------------------|
| <b>BIOCHEMISTRY</b>   |                    |        |                                                                                                              |                        |
| CHLORIDE              | 102                | mmol/L | 95-105                                                                                                       | Direct ISE             |
| BLOOD SUGAR (FASTING) | 76                 | mg/dl  | 74 - 109                                                                                                     | Hexokinase             |
| POTASSIUM             | 4.7                | mmol/L | 3.5-5.5                                                                                                      | Direct ISE             |
| SODIUM                | 142                | mmol/L | 135-146                                                                                                      | Direct ISE             |
| CHOLESTROL, TOTAL     | 150                | mg/dl  | No risk : < 200<br>Moderate risk: 200 - 239<br>High risk: >= 240                                             | Colorimetric           |
| TRIGLYCERIDES         | 112                | mg/dl  | < 150                                                                                                        | Enzymatic Colorimetric |
| HDL CHOLESTEROL       | 34.92 <sup>L</sup> | mg/dl  | No risk: > 55<br>Moderate risk: 35 - 55<br>High risk: <35                                                    | Enzymatic Colorimetric |
| LDL CHOLESTEROL       | 93.0               | mg/dl  | Optimal : < 100<br>Above Optimal : 100 - 129<br>Borderline: 130 - 159<br>High: 160 - 189<br>Very High: > 190 | Calculated             |
| TOTAL CHOL/HDL RATIO  | 4.3                | Ratio  | < 4.5                                                                                                        |                        |

**\*\*The target level varies depending on the added risk factors. \*As per current NCEP Guidelines.**

Dr. Uday Sudhalker  
Clinical Pathologist  
DHA-P-0123520



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SILPA J S  
LAB TECHNICIAN  
38387451

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| <b>ENDOCRINOLOGY</b>             |        |        |            |             |
| TSH(THYROID STIMULATING HORMONE) | 2.689  | uIU/mL | 0.3-4.5    | CLIA        |

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**HAEMATOLOGY****Volumetric impedance & Spectrophotometry**

|                                    |       |                       |              |
|------------------------------------|-------|-----------------------|--------------|
| RBCs                               | 5.03  | 10 <sup>6</sup> ul    | 4.32 - 5.72  |
| Hemoglobin                         | 15.59 | g/dL                  | 13.5 - 17.5  |
| Haematocrit                        | 46.2  | %                     | 38.8 - 50    |
| Mean cell volume                   | 91.9  | fL                    | 81.2 - 95.1  |
| Mean cell hemoglobin               | 31.0  | pg/mL                 | 27 - 34      |
| Mean cell hemoglobin concentration | 33.7  | g/dl                  | 32 - 37      |
| RDW                                | 14.4  | g/dL                  | 11.8 - 15.6  |
| WBC                                | 4.40  | x 10 <sup>3</sup> /uL | 3.5 - 10.5   |
| MPV                                | 9.39  | fL                    | 7.42 - 10.77 |

**Differential Count (Flow cytometry /Smear)**

|            |                    |                       |           |
|------------|--------------------|-----------------------|-----------|
| Neutrophil | 44.56 <sup>L</sup> | %                     | 50 - 65   |
| Lymphocyte | 44.36 <sup>H</sup> | %                     | 25 - 40   |
| Monocytes  | 8.58 <sup>H</sup>  | %                     | 3 - 7     |
| Eosinophil | 2.30               | %                     | 0 - 3     |
| Basophil   | 0.21               | %                     | 0 - 1     |
| Platelet   | 209.4              | x 10 <sup>3</sup> /uL | 150 - 450 |

\*\*\*\* End of Report \*\*\*\*

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