

**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

Organization Accredited  
by Joint Commission International**LABORATORY INVESTIGATION REPORT**

Name : ADNAN MANSOOR Referral Clinic : PESHAWAR MEDICAL CENTER (

D.O.B / Sex : 30-Jun-1970 (52 Years) / MALE Referral Doctor : PESHAWAR MEDICAL CENTER(A

PatientID/Nationality : 158355 / PAKISTAN LabID / Clinic No. : **108193** / 37176

| Test Name            | Result             | Unit   | Ref. Range                                                                                                   | Methodology            |
|----------------------|--------------------|--------|--------------------------------------------------------------------------------------------------------------|------------------------|
| <b>BIOCHEMISTRY</b>  |                    |        |                                                                                                              |                        |
| CHLORIDE             | 102                | mmol/L | 95-105                                                                                                       | Direct ISE             |
| CREATININE           | 1.22               | mg/dl  | <1.4                                                                                                         | Jaffe                  |
| POTASSIUM            | 502 <sup>H</sup>   | mmol/L | 3.5-5.5                                                                                                      | Direct ISE             |
| SODIUM               | 140                | mmol/L | 135-146                                                                                                      | Direct ISE             |
| UREA                 | 44.1 <sup>H</sup>  | mg/dl  | 5 - 43                                                                                                       | Kinetic                |
| UREA NITROGEN (BUN)  | 21                 | mg/dl  | 6-20                                                                                                         |                        |
| URIC ACID            | 8.8 <sup>H</sup>   | mg/dl  | 3.4 - 7.0                                                                                                    | Colorimetric           |
| CHOLESTROL, TOTAL    | 227 <sup>H</sup>   | mg/dl  | No risk : < 200<br>Moderate risk: 200 - 239<br>High risk: >= 240                                             | Colorimetric           |
| TRIGLYCERIDES        | 290 <sup>H</sup>   | mg/dl  | < 150                                                                                                        | Enzymatic Colorimetric |
| HDL CHOLESTEROL      | 28.58 <sup>L</sup> | mg/dl  | No risk: > 55<br>Moderate risk: 35 - 55<br>High risk: <35                                                    | Enzymatic Colorimetric |
| LDL CHOLESTEROL      | 140.0 <sup>H</sup> | 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 | 7.9 <sup>H</sup>   | 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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**Mohammed Bilal.J**  
**LAB TECHNICIAN**  
73699760-001

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| D.O.B / Sex           | : 30-Jun-1970 (52 Years) / MALE | Referral Doctor    | : PESHAWAR MEDICAL CENTER(A |
| PatientID/Nationality | : 158355 / PAKISTAN             | LabID / Clinic No. | : <b>108193</b> / 37176     |

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|----------------------------------|--------|--------|------------|-------------|
| <b>ENDOCRINOLOGY</b>             |        |        |            |             |
| TSH(THYROID STIMULATING HORMONE) | 1.169  | uIU/mL | 0.3-4.5    | CLIA        |

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

|                                    |                   |                       |              |
|------------------------------------|-------------------|-----------------------|--------------|
| RBCs                               | 6.40 <sup>H</sup> | 10 <sup>6</sup> ul    | 4.32 - 5.72  |
| Hemoglobin                         | 16.75             | g/dL                  | 13.5 - 17.5  |
| Haematocrit                        | 50.7 <sup>H</sup> | %                     | 38.8 - 50    |
| Mean cell volume                   | 79.2 <sup>L</sup> | fL                    | 81.2 - 95.1  |
| Mean cell hemoglobin               | 26.2 <sup>L</sup> | pg/mL                 | 27 - 35      |
| Mean cell hemoglobin concentration | 33.0              | g/dl                  | 32 - 36      |
| RDW                                | 17.3 <sup>H</sup> | g/dL                  | 11.8 - 15.6  |
| WBC                                | 8.61              | x 10 <sup>3</sup> /uL | 3.5 - 10.5   |
| MPV                                | 10.72             | fL                    | 7.42 - 10.77 |

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

|            |       |                       |           |
|------------|-------|-----------------------|-----------|
| Neutrophil | 57.92 | %                     | 50 - 65   |
| Lymphocyte | 35.35 | %                     | 25 - 40   |
| Monocytes  | 4.30  | %                     | 3 - 7     |
| Eosinophil | 2.21  | %                     | 0 - 3     |
| Basophil   | 0.22  | %                     | 0 - 1     |
| Platelet   | 260.0 | x 10 <sup>3</sup> /uL | 150 - 450 |

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| <b>LIVER FUNCTION TEST</b>  |                 |       |            |                                     |
| PROTEIN TOTAL               | 6.9             | g/dL  | 6.4 - 8.3  | Calorimetric                        |
| ALBUMIN (SERUM)             | 4.35            | g/dL  | 3.5 - 5.2  | Calorimetric                        |
| GLOBULIN                    | 2.6             | g/dL  | 2.5 - 3.5  |                                     |
| ALBUMIN/GLOBULIN RATIO      | 1.7             | g/dL  | 1.1 - 2.5  |                                     |
| BILIRUBIN TOTAL             | 0.4             | mg/dl | <1.2       | Photometric                         |
| BILIRUBIN DIRECT            | 0.01            | mg/dl | 0-0.4      | Diazo                               |
| ALKALINE PHOSPHATASE        | 50.5            | U/L   | 40-130     | Colorimetric                        |
| ALANINE AMINO TRANSFERASE   | 20.8            | U/L   | < 41       | IFCC without pyridoxal phosphate    |
| ASPARTATE AMINO TRANSFERASE | 40 <sup>H</sup> | U/L   | < 37       | IFCC without pyridoxal phosphate    |
| GAMMA GLUTAMYL TRANSFERASE  | 34.9            | U/L   | 10 - 71    | Gamma Glutamyl Carboxy Nitroanilide |

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

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