

### LABORATORY REPORT

|              |                                            |                 |                                  |
|--------------|--------------------------------------------|-----------------|----------------------------------|
| Name         | : ZABEEL VAISYAM EETIL                     | File. No.       | : AAL02-334184                   |
| DOB/Gender   | : 14-06-1996 (27 Yrs 2 Month 20 Days/Male) | Referral Doctor | : Dr. Sajid Sanaullah Khan       |
| Lab No.      | : 22232210001                              | Referral Clinic | : Peshawar(Irham Medical Center) |
| Request Date | : 09-08-2023 09:40:27                      | Clinic File No  | : 40488                          |
| Insurance    | : No                                       |                 |                                  |

### CLINICAL BIOCHEMISTRY

| Test Name       | Result | Units | Ref. Range  | Method            |
|-----------------|--------|-------|-------------|-------------------|
| Albumin (serum) | 4.95   | g/dL  | 3.50 - 5.00 | Bromcresol Purple |

Kindly note new reference range for Albumin reference range updated as on 18th December 2021.

Sample Type : Serum

These tests are accredited under ISO 15189:2012 unless specified by (\*)

Sample processed on the same day of receipt unless specified otherwise.

Test results pertains only the sample tested and to be correlated with clinical history.

Reference range related to Age/Gender.

**Dr. Solmaz Siddiqui**  
Laboratory Director  
DHA/LS/248469

H/L Collected On : 07-08-2023 12:00:00 Received On : 09-08-2023 09:41:00  
Authenticated On : 09-08-2023 11:57:32 Released On : 09-08-2023 11:57:56

*Wasik*

**Wasik Hasan Tisekar**  
Laboratory Technician  
DHA-P-0039673

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### LIPID PROFILE I CLINICAL BIOCHEMISTRY

| Test Name                    | Result                    | Units | Ref. Range                                                                                                      | Method                          |
|------------------------------|---------------------------|-------|-----------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>Cholesterol (serum)</b>   | <b>238.9<sup>H</sup></b>  | mg/dL | Desirable: < 200<br>Border High: 200 - 239<br>High: >= 240                                                      | Enzymatic                       |
| <b>Triglycerides (serum)</b> | <b>1048.0<sup>H</sup></b> | mg/dL | Normal: < 150<br>Borderline High: 150 - 199<br>High: 200 - 499<br>Very High: >= 500                             | Glycerol Phosphate Oxidase      |
| <b>HDL Cholesterol</b>       | <b>34.3<sup>L</sup></b>   | mg/dL | > 40.0                                                                                                          | Accelerator Selective Detergent |
| <b>LDL Cholesterol</b>       | 92.5                      | mg/dL | Optimal: < 100<br>Near Optimal: 100 - 129<br>Borderline High: 130 - 159<br>High: 160 - 189<br>Very High: >= 190 | Liquid Selective detergent      |
| <b>*VLDL</b>                 | <b>112.1<sup>H</sup></b>  | mg/dL | 5.0 - 30.0                                                                                                      | Calculation                     |
| <b>*Cholesterol / HDL</b>    | <b>7.0<sup>H</sup></b>    | Ratio | Desirable: < 4.5<br>Borderline: 4.5 - 6<br>Undesirable: > 6                                                     | Calculation                     |

#### Remarks:

Due to high Triglycerides levels, a confirmation test is required with a fresh sample. It is advised to repeat the test after one week combined with abstaining from oily, fatty, dairy food as well as nuts. Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

Sample Type : Serum

----- End Of Report -----

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Reference range related to Age/Gender.

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