

**Name** : Muneerbacha Allahbakash  
**Lab. No.** : 3023129357  
**Contract.** : Peshawer medical L.L.C  
**Patient No.** : 30-90622  
**File No.** : 37899

**Sample Date** : 15/03/2023 12:17 PM  
**Report Date** : 15/03/2023 14:30 PM  
**Doctor references** : Dr. Tahniyat Iqbal

**Branch** : Al Borg Lab. Dubai Deirah **Age** : 38 Year **DOB** 06/04/1985 **Sex** : Male

### Cholesterol/HDL/LDL/Triglycerides

| Test        | Result | Unit  | Ref. Range                                                |
|-------------|--------|-------|-----------------------------------------------------------|
| Cholesterol | 203 H  | mg/dl | No risk <200<br>Moderate risk 200 - 240<br>High risk >240 |

#### Comments

Primary sample: Serum  
Methodology : Enzymatic colorimetric assay in the presence of peroxidase.

|                             |     |       |            |
|-----------------------------|-----|-------|------------|
| Triglycerides (TG) in Serum | 116 | mg/dL | Normal<200 |
|-----------------------------|-----|-------|------------|

#### Comments

Primary sample: Serum  
Methodology : Enzymatic colorimetric assay

|                 |      |       |                                                                |
|-----------------|------|-------|----------------------------------------------------------------|
| HDL Cholesterol | 37 L | mg/dL | Optimum level ≥ 60<br>Borderline risk: 40-59<br>High risk: <40 |
|-----------------|------|-------|----------------------------------------------------------------|

#### Comments

Primary sample: Serum  
Methodology : Homogeneous Enzymatic colorimetric assay.

|                 |     |       |                                                                                                                                                                            |
|-----------------|-----|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LDL Cholesterol | 143 | mg/dl | Patient at very high CV risk:<br>Less than 55<br>Patient at high CV risk: Less than 70<br>Patient at moderate CV risk: Less than 100<br>Patient at low risk: Less than 116 |
|-----------------|-----|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### Comments

Sample type: Serum  
Methodology: Calculation

Recommended LDL- Cholesterol goal (mg/dL) based on cardiovascular risk stratification according to 2019 ESC/ EAS guidelines:  
Please note the new reference range

\*This is non-accredited test.

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### Cholesterol/HDL/LDL/Triglycerides

| Test                | Result | Unit  | Ref. Range                                                                                                                                                                                    |
|---------------------|--------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Non-HDL Cholesterol | 166 H  | mg/dL | very high >220<br>High 190-219<br>Borderline high 160-189<br>Near Ideal 130-159<br>Ideal for people at risk of heart disease <130<br>Ideal for people at very high risk of heart disease <100 |

### Comments

Patients with elevated levels of non-HDL-C and normal levels of LDL-C, often have an increased number of LDL particles, increased apo B or increased small, dense LDL particles and these are associated with an increased risk of CVD. Therefore non-HDL-C might be more valuable indicator of cardiovascular risk than LDL-C.  
 The treatment goal for non-HDL cholesterol in persons with high triglycerides (>199 mg/dl) is 30 mg/dl higher than their LDL cholesterol goal.

Reviewed By:



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\*\* End Of Report \*\*