

**Name** : Khawaja Hamid Rasool Khawaja  
**Lab. No.** : 3022118929  
**Contract.** : MedNet Insurance Company  
**Patient No.** : 784198874306412  
**File No.** : 38195

**Sample Date** : 07/11/2022 11:42 AM  
**Report Date** : 07/11/2022 16:23 PM

**Branch** : Al Borg Lab. Dubai Deirah **Age** : 34 Year **DOB** 15/05/1988 **Sex** : Male

### Cholesterol/HDL/LDL/Triglycerides

| Test        | Result | Unit  | Ref. Range                                                |
|-------------|--------|-------|-----------------------------------------------------------|
| Cholesterol | 215 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 | 244 H | mg/dL | Normal<200 |
|-----------------------------|-------|-------|------------|

#### Comments

Primary sample: Serum  
 Methodology : Enzymatic colorimetric assay

|                 |      |       |                                                                |
|-----------------|------|-------|----------------------------------------------------------------|
| HDL Cholesterol | 30 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 | 136 H | mg/dl | Optimal <100<br>Near optimal 100-129<br>Borderline high 130-159<br>High 160-189<br>Very high >189 |
|-----------------|-------|-------|---------------------------------------------------------------------------------------------------|

#### Comments

Sample type: Serum  
 Methodology: Calculation

\*This is non-accredited test.

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### Cholesterol/HDL/LDL/Triglycerides

| Test                | Result | Unit  | Ref. Range                                                                                                                                                                                    |
|---------------------|--------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Non-HDL Cholesterol | 185 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:



Dr. Shailendra Rathod.MD  
**Laboratory Director**  
**Physician Specialist Clinical Pathology**  
 License no. 10944644-001

\*\* End Of Report \*\*

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Sample Date : 07/11/2022 11:42 AM  
Report Date : 07/11/2022 16:19 PM

Branch : Al Borg Lab. Dubai Deirah Age : 34 Year DOB 15/05/1988 Sex : Male

**C-Reactive Protein (CRP)**

| Test                     | Result | Unit | Ref. Range |
|--------------------------|--------|------|------------|
| C-Reactive Protein (CRP) | 1.60   | mg/L | 0 - 5      |

**Comments**

Sample Type: Serum

Methodology: Particle Enhanced Turbidimetric assay

Reviewed By:



Dr. Shailendra Rathod.MD  
Laboratory Director  
Physician Specialist Clinical  
Pathology  
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**\*\* End Of Report \*\***

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**File No.** : 38195

**Sample Date** : 07/11/2022 11:42 AM  
**Report Date** : 07/11/2022 15:56 PM

**Branch** : Al Borg Lab. Dubai Deirah      **Age** : 34 Year      **DOB** 15/05/1988      **Sex** : Male

### Complete Blood Count - (CBC)

| Test                       | Result | Unit               | Ref. Range  |
|----------------------------|--------|--------------------|-------------|
| Hemoglobin                 | 15.1   | g/dL               | 13.5 - 17.5 |
| Hematocrit                 | 47.6   | %                  | 38.8 - 50   |
| Red cell count             | 5.48   | $\times 10^{12}/L$ | 4.32 - 5.72 |
| MCV                        | 86.9   | fL                 | 81.2 - 95.1 |
| MCH                        | 27.6   | pg                 | 26.5 - 32.6 |
| MCHC                       | 31.7   | L g/dL             | 32 - 36     |
| RDW                        | 13.6   | %                  | 11.8 - 15.6 |
| Total Leucocytic Count     | 8.83   | $\times 10^9/L$    | 3.5 - 10.5  |
| Basophils absolute count   | 0.06   | $\times 10^9/L$    | 0 - 0.3     |
| Basophils relative count   | 0.68   | %                  |             |
| Eosinophils absolute count | 0.46   | $\times 10^9/L$    | 0.05 - 0.5  |
| Eosinophils relative count | 5.21   | %                  |             |
| Neutrophils absolute count | 4.42   | $\times 10^9/L$    | 1.7 - 7     |
| Neutrophils relative count | 50.06  | %                  |             |
| Lymphocytes absolute count | 3.21   | H $\times 10^9/L$  | 0.9 - 3.1   |
| Lymphocytes relative count | 36.35  | %                  |             |
| Monocytes absolute count   | 0.68   | $\times 10^9/L$    | 0.3 - 0.9   |
| Monocytes relative count   | 7.70   | %                  |             |

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**Complete Blood Count - (CBC)**

| Test           | Result | Unit                | Ref. Range |
|----------------|--------|---------------------|------------|
| Platelet Count | 296    | x10 <sup>9</sup> /L | 150 - 450  |

**Comments**

Sample type: EDTA Whole Blood

Methodology: (Hemoglobin =Cyanmethemoglobin) (Hematocrit = Calculation) (RBC, PLT, WBC and Diff Count = Flow cytometry)

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