

**Name** : Arun Chauhan  
**Lab. No.** : 3022112350  
**Contract.** : Nas (WN, VN)-Dubai Branch  
**Patient No.** : 30-78794  
**File No.** : 37673

**Sample Date** : 28/08/2022 16:23 PM  
**Report Date** : 29/08/2022 09:41 AM  
**Doctor references** : Dr. Marvis Enyl

**Branch** : Al Borg Lab. Dubai Deirah **Age** : 44 Year **DOB** 23/08/1978 **Sex** : Male

### Urine Analysis

| Test                          | Result       | Unit  | Ref. Range        |
|-------------------------------|--------------|-------|-------------------|
| Urine Physical Examination    |              |       |                   |
| Colour                        | Pale Yellow  |       | Yellow            |
| Aspect                        | Clear        |       | Clear             |
| Specific Gravity              | 1.005        |       | 1.005 - 1.028     |
| pH                            | 6.0          |       | 5 - 8             |
| Leucocyte esterase            | Absent       |       | Absent            |
| Nitrite                       | Absent       |       | Absent            |
| Protein                       | Absent       |       | Absent            |
| Glucose                       | Absent       |       | Absent            |
| Ketones                       | Absent       |       | Absent            |
| Urobilinogen                  | Normal Trace |       | Trace             |
| Bilirubin                     | Absent       |       | Absent            |
| Blood and Haemoglobin         | Absent       |       | Absent            |
| Urine Microscopic Examination |              |       |                   |
| W. B. Cs / HPF                | 1 - 2        | cells | 0 - 7             |
| R. B. Cs / HPFs               | 0 - 2        | cells | 0 - 6             |
| Epithelial Cells / HPF        | Few          | cells | Few to some cells |
| Casts                         | Absent       |       | Absent            |
| Crystals                      | Absent       |       | Absent            |

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### Urine Analysis

| Test               | Result | Unit | Ref. Range |
|--------------------|--------|------|------------|
| Amorphous Elements | Absent |      | Absent     |

### Comments

Sample type: Urine

Methodology  
Semi-automatic benchtop instrument Combiscreen 11SYS

\*This is non-accredited test.

Reviewed By:



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

\*\* End Of Report \*\*

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### Chemistry Unit

| Test              | Result | Unit   | Ref. Range                                                                           |
|-------------------|--------|--------|--------------------------------------------------------------------------------------|
| Chloride in Serum | 102    | mmol/L | 98 - 107<br>0 - 30 Days : 98 - 113<br>Adult : 98 -107<br>Adult, >90 years : 98 - 111 |

#### Comments

Primary sample: Serum  
Methodology: Ion Selective Electrode

|                        |     |        |                                                                                                                                                                |
|------------------------|-----|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Potassium (K) in Serum | 5.1 | mmol/L | 3.5 - 5.1<br>Newborn (<7 Days) : 3.7 - 5.9<br>Infant (7 Days - 1 Year) : 4.1 - 5.3<br>Child (1 Yrs - 18 Yrs) : 3.4 - 4.7<br>Adult (18 Yrs & above) : 3.5 - 5.1 |
|------------------------|-----|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### Comments

Primary sample: Serum  
Methodology: Ion Selective Electrode

|                      |     |        |                                                                                                                                                                                        |
|----------------------|-----|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sodium (Na) in Serum | 138 | mmol/L | 136 - 145<br>Newborn (<7 Days) 133 - 146<br>Infant (7 Days - 1 Year) 139 - 146<br>Child (1 Yrs - 18 Yrs) 138 - 145<br>Adult (18 Yrs - 90 Yrs) 136 - 145<br>(Adult >90 Years) 132 - 146 |
|----------------------|-----|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### Comments

Primary sample: Serum  
Methodology: Ion Selective Electrode

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**Laboratory Director**  
**Physician Specialist Clinical Pathology**  
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**Sample Date** : 28/08/2022 16:23 PM  
**Report Date** : 28/08/2022 16:52 PM  
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**Branch** : Al Borg Lab. Dubai Deirah **Age** : 44 Year **DOB** 23/08/1978 **Sex** : Male

### Cholesterol/HDL/LDL/Triglycerides

| Test        | Result | Unit  | Ref. Range                                                |
|-------------|--------|-------|-----------------------------------------------------------|
| Cholesterol | 217 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 | 34 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 | 135 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

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### Cholesterol/HDL/LDL/Triglycerides

| Test                | Result | Unit  | Ref. Range                                                                                                                                                                                    |
|---------------------|--------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Non-HDL Cholesterol | 183 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.

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\*\* End Of Report \*\*