



Lab Result

File No : 2953860
ID / Iqama No: 103599***0
Order Date : 2023-10-9
Age : 49
Patient Name: AB**** BN****

Branch Name : مستشفى العليا
Clinic Name : جراحة العامود الفقري
Doctor Name : يحيى سعد القحطاني
Mobile No : 054333***8
Print Date : 10/9/2023 7:29:44PM

| Text Description | Value | Result Value | Reference Range |
|-------------------------------|--------|--------------|-----------------|
| CBC | | | |
| WBCs | 12.74 | H | 4 - 11 |
| NEUTROPHILS | 12.43 | H | 2 - 6.9 |
| NEUT% | 97.530 | H | 37 - 80 |
| LYMPHOCYTES | 0.168 | L | 0.6 - 4 |
| LYM% | 1.32 | L | 10 - 50 |
| MONOCYTES | 0.064 | L | 0.2 - 0.9 |
| MONO% | 0.50 | L | 1 - 11 |
| EOSINOPHILS | 0.024 | | < 0.5 |
| EO% | 0.192 | | 0 - 7 |
| BASOPHILS | 0.058 | | < 0.2 |
| BASO % | 0.454 | | 0 - 1 |
| RBCs | 4.03 | L | 4.04 - 6.13 |
| Hemoglobin | 12.3 | | 11.8 - 14.8 |
| Hematocrit | 37.4 | | 33 - 45 |
| MCV | 92.7 | | 78 - 96 |
| MCH | 30.4 | | 27 - 32 |
| MCHC | 32.9 | | 29 - 37 |
| RDW | 13.7 | | 11.6 - 15.5 |
| Platelets | 139 | L | 150 - 450 |
| MPV | 11.36 | H | 7.4 - 10.4 |
| Remarks Hema | / | | |
| CPK | | | |
| CPK (Creatine Phospho Kinase) | 57 | | 29 - 168 |
| CRP-HIGH-S | | | |

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| CRP High Sensitivity | 24.54 | H | In the context of Cardiovascular risk: |

Notes:

In the context of Cardiovascular risk: < 1.0 : Low risk. 1.0-3.0: Moderate risk. > 3.0 : Raised risk. > 10 : Probable Acute inflammation, recommended to repeat test after treatment. (Recommendation

FT3

| | | | |
|----------------------------|------|---|-----------|
| Free T3 (Triiodothyronine) | 2.16 | L | 2.6 - 5.7 |
|----------------------------|------|---|-----------|

FT4

| | | | |
|---------------------|------|---|--------|
| Free T4 (Thyroxine) | 7.91 | L | 9 - 19 |
|---------------------|------|---|--------|

HbA1C

| | | | |
|---------------------------------|------|--|----------------|
| HbA1c (Glycosylated Hemoglobin) | 5.30 | | Normal : < 5.7 |
|---------------------------------|------|--|----------------|

Notes:

Normal : < 5.7 Pre-Diabetes: 5.7% - 6.4% Diabetes : $\geq 6.5\%$ Well-Controlled Diabetes: $\leq 6.8\%$ (American Diabetes Association 2019)

KIDNEY PRO

| | | | |
|------------|------|--|-----------|
| Urea | 5.10 | | 2.5 - 6.7 |
| Creatinine | 85.5 | | 49 - 90 |

Notes:

Mayoclinic is the source of pediatric values.

| | | | |
|-------------------|-----|---|-----------|
| Sodium | 143 | | 136 - 145 |
| Potassium | 3.9 | | 3.5 - 5.1 |
| Chloride | 109 | H | 98 - 107 |
| Bicarbonate (CO2) | 26 | | 22 - 29 |

LACTATE

| | | | |
|---------|------|--|------------------------------------|
| Lactate | 1.87 | | (Venous blood: 0.50 - 2.20 mmol/L) |
|---------|------|--|------------------------------------|

Notes:

(Venous blood: 0.50 - 2.20 mmol/L) (Arterial blood: 0.50 - 1.60 mmol/L)

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|------------------|-------|--------------|-----------------|
| MG | | | |
| Magnesium | 0.73 | | 0.66 - 1.07 |

Notes:

-Hypomagnesemia reliably indicates magnesium deficiency, but its absence does not exclude significant magnesium depletion.

PHOS-SERUM

| | | | |
|------------|------|--|-------------|
| Phosphorus | 1.10 | | 0.74 - 1.52 |
|------------|------|--|-------------|

Notes:

(*) New Ref. Range since 28/11/2022
Medscape and Tietz Textbook are the source of the pediatric Ref. Range.

PROCALCITO

| | | | |
|---------------|-------|---|--------------------------------|
| Procalcitonin | 35.40 | H | Reference Range>2 days of age: |
|---------------|-------|---|--------------------------------|

Notes:

Reference Range>2 days of age: - <0.1 ng/ml, No systematic inflammatory response - 0.1 - 0.49 ng/ml, Minor or no significant inflammatory response. Local inflammation and local infection are

PT

| | | | |
|---------------------------------------|-------|--|-------------------------------|
| PT (Prothrombin Time) | 13.10 | | 9.5 - 13.5 |
| INR (International Normalized Ratio) | 1.13 | | Without anticoagulant : < 1.0 |

Notes:

Without anticoagulant : < 1.0 Under anticoagulant : 2.0 - 3.0

PTT

| | | | |
|------------------------------------|-------|--|---------|
| PTT (Partial Thromboplastine Time) | 27.40 | | 25 - 35 |
|------------------------------------|-------|--|---------|

TSH

| | | | |
|-----|--------|--|-----------|
| TSH | 4.1517 | | 0.3 - 4.2 |
|-----|--------|--|-----------|