



5151 CORPORATE WAY
 JUPITER, FL 33458-3101
 (866)720-8386

| | |
|--|--|
| Client: ANY LAB TEST NOW - MELBOU 20374 | Patient: WHITE, TIMOTHY |
| 145 PALM BAY RD NE | Phone: () - DOB. 05/08/1969 Age:53 Sex:M |
| 102 | Address 1: Fasting: N |
| WEST MELBOURNE, FL 32904 | Address 2: |
| Phys: IEZZI, ALFRED (321) 586-5227 | City: VERO BEACH State: FL Zip: 32967 Page:1 |

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|-----------------------------------|-----------------------------|----------------------|----------------------|
| Acc# 003770055 | Coll. Date: 11/07/22 | Recv. Date: 11/08/22 | Print Date: 11/14/22 |
| Chart# 221107104404576 | Coll. Time: 10:28 AM | Recv. Time:10:09 AM | Print Time: 11:48 |
| First reported on: 11/08/22 11:17 | Final report date: 11/14/22 | | |

Report Status: FINAL

| Test Name | Results | Reference Range | Units |
|-----------|---------|-----------------|-------|
|-----------|---------|-----------------|-------|

*****OUT OF RANGE SUMMARY*****

| | | | |
|------------------|--------------|------------|------|
| WHITE BLOOD CELL | 3.6 L | 3.9 - 11.4 | K/ul |
|------------------|--------------|------------|------|

COMPLETE BLOOD COUNT

| | | | |
|------------------|--------------|-------------|------|
| WHITE BLOOD CELL | 3.6 L | 3.9 - 11.4 | K/ul |
| RED BLOOD CELL | 4.81 | 4.20 - 6.00 | M/ul |
| HEMOGLOBIN | 15.9 | 13.2 - 18.0 | g/dl |
| HEMATOCRIT | 49.3 | 43.0 - 60.0 | % |
| MCV | 102 | 83 - 103 | fl |
| MCH | 33.0 | 26.0 - 34.0 | pg |
| MCHC | 32.2 | 29.5 - 35.5 | g/dl |
| RDW | 12.9 | 11.0 - 15.5 | % |
| PLATELET COUNT | 195 | 140 - 400 | k/ul |
| MPV | 10.3 | 7.5 - 11.6 | fl |

The reference range reflects change to Siemens Advia 2120i instrumentation.

AUTOMATED DIFFERENTIAL

DIFFERENTIAL

| | | | |
|---------------|------|-------------|------|
| Granulocyte % | 56.1 | 38.0 - 75.0 | % |
| Lymphocyte % | 34.9 | 15.0 - 49.0 | % |
| Monocyte % | 5.1 | 2.0 - 13.0 | % |
| Eosinophil % | 2.4 | 0.0 - 8.0 | % |
| Basophil % | 1.5 | 0.0 - 2.0 | % |
| Granulocyte # | 2.0 | 1.6 - 8.4 | K/ul |
| Lymphocyte # | 1.2 | 1.0 - 3.6 | K/ul |
| Monocyte # | 0.2 | 0.0 - 0.9 | K/ul |
| Eosinophil # | 0.1 | 0.0 - 0.6 | K/ul |
| Basophil # | 0.1 | 0.0 - 0.2 | K/ul |

GENERAL CHEMISTRY

| | | | |
|-------------------|-----|-----------|--------|
| GLUCOSE | 90 | 65 - 100 | mg/dl |
| BUN | 7 | 6 - 20 | mg/dl |
| CREATININE, SERUM | 0.8 | 0.7 - 1.3 | mg/dl |
| SODIUM | 143 | 136 - 145 | mmol/L |
| POTASSIUM | 4.2 | 3.5 - 5.1 | mmol/L |
| CHLORIDE | 107 | 100 - 110 | mmol/L |

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| GENERAL CHEMISTRY (Continued) | | | |
| CO2 | 25 | 20 - 31 | mmol/L |
| CALCIUM | 8.8 | 8.3 - 10.6 | mg/dl |
| TOTAL PROTEIN | 6.8 | 5.7 - 8.2 | g/dl |
| ALBUMIN | 4.5 | 3.2 - 4.8 | g/dl |
| GLOBULIN | 2.3 | 2.1 - 3.6 | g/dl |
| BILIRUBIN, TOTAL | 0.7 | 0.3 - 1.2 | mg/dl |
| ALKALINE PHOSPHATASE | 67 | 45 - 115 | U/L |
| ALT | 13 | 0 - 48 | U/L |
| AST | 16 | 0 - 38 | U/L |
| Albumin/Globulin Ratio | 2.0 | 0.8 - 2.0 | |
| BUN/CREAT RATIO | N/A | 7.3 - 21.7 | |
| GFR, estimated | 107 | | ml/min |
| If African-American, result is: >60 | | | |
| Calculation of estimated GFR is based on the MDRD Study prediction equation ****Five Stages of Chronic Kidney Disease**** | | | |
| *Stage* | *GFR Level* | *Description* | |
| Stage 1 | 90 ml/min or more | Healthy Kidneys or Kidney damage with normal or high GFR | |
| Stage 2 | 60 to 89 ml/min | Kidney damage and mild decrease in GFR | |
| Stage 3 | 30 to 59 ml/min | Moderate decrease in GFR | |
| Stage 4 | 15 to 29 ml/min | Severe decrease in GFR | |
| Stage 5 | < 15 ml/min | Kidney failure, or on dialysis | |
| CARDIAC EVALUATION | | | |
| COENZYME Q10, LC/MS/MS | 0.519 | 0.400 - 2.200 | ug/ml |
| IRON/ANEMIA EVALUATION | | | |
| IRON | 124 | 65 - 175 | ug/dl |
| TOTAL IRON-BIND. CAPACITY | 297 | 250 - 425 | ug/dl |
| % IRON SATURATION | 42 | 15 - 50 | % |
| FERRITIN | 64.9 | 10.5 - 307.3 | ng/ml |
| VITAMIN B12 | 319 | 211 - 911 | pg/ml |
| FOLATE, SERUM | 14.5 | 5.38 - 24.0 | ng/ml |
| CORONARY RISK | | | |
| HOMOCYSTEINE | 7.2 | 4.5 - 15.0 | umol/L |

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CORONARY RISK (Continued)

Ideal level <8.0 umol/L

| | | | |
|-----------------------|----|----------|-------|
| Vitamin D,25-OH,Total | 46 | 30 - 100 | ng/ml |
|-----------------------|----|----------|-------|

Notes:
 Therapy is based on the measurement of Total Vitamin D (25-OH).
 Most experts agree that Vitamin D deficiency should be = or < 20 ng/ml.
 Vitamin D insufficiency is recognized as 21 - 29 ng/ml.
 The preferred level for Vitamin D (25-OH) is recommended to be 30 - 100 ng/ml.
 Vitamin D > 150 ng/ml is considered potentially toxic.

ENDOCRINE EVALUATION

Lab Developed Testing

Serum Pregnenolone, DHT, Estrone, Estriol, RT3 and CO-Q10 were developed and their performance characteristics determined by Access Medical Laboratories.
 It has not been cleared or approved by the FDA.
 The laboratory is regulated under CLIA and qualified to perform high-complexity testing. These tests are used for clinical purposes.
 It should not be regarded as investigational or for research.

reported: 11/12/22 08:10

Please Note:

Test(s) 001800-Zinc, Plasma or Serum was developed and its performance characteristics determined by Labcorp. It has not been cleared or approved by the Food and Drug Administration.
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| ***** (Continued) | | | |
| VITAMIN C | 0.4 | reported: 11/12/22 16:27 0.2 - 2.1 | mg/dL *1 |
| This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes. | | | |
| Zinc, Plasma or Serum | 88 Detection Limit = 5 | reported: 11/12/22 08:10 44 - 115 | ug/dL *2 |

END OF REPORT

*1) Unless otherwise noted, Tests Performed at :
 Quest Diagnostics-Nichols Valencia, 27027 Tourney Rd, Valencia, CA 91355-5386
 Director : Thomas McDonald M.D.

*2) Unless otherwise noted, Tests Performed at :
 LABCORP, 5610 WEST LA SALLE STREET, TAMPA, FL 33607