

WARNER,MALCOLM

DOB: 08/18/1970
Sex: M
Phone: (818) 968-4044
Patient ID: 1921648

Age: 52
Fasting:

Specimen: AZ356959C
Requisition: 0001658
Report Status: FINAL / SEE REPORT

Collected: 12/16/2022 00:00
Received: 12/16/2022 11:16
Reported: 12/22/2022 03:31

Client #: 10485914
HANCOCK, MARK
HUMANIZING MEDICINE
135 MAPLE ST BLDG A
DECATUR, GA 30030-3953
Phone: (470) 891-8140
Fax: (470) 575-2575

▲ THYROID PANEL WITH TSH

T3 UPTAKE

Reference Range: 22-35 %



No Historical Data

▲ T4 (THYROXINE), TOTAL

Reference Range: 4.9-10.5 mcg/dL



No Historical Data

FREE T4 INDEX (T7)

Reference Range: 1.4-3.8



No Historical Data

TSH

Reference Range: 0.40-4.50 mIU/L



No Historical Data

▲ T3, TOTAL

▲ T3, TOTAL

Reference Range: 76-181 ng/dL



No Historical Data

▲ VITAMIN D,25-OH,TOTAL,IA

▲ VITAMIN D,25-OH,TOTAL,IA

Reference Range: 30-100 ng/mL



No Historical Data

Vitamin D Status

25-OH Vitamin D:

Deficiency: <20 ng/mL
Insufficiency: 20 - 29 ng/mL
Optimal: > or = 30 ng/mL

For 25-OH Vitamin D testing on patients on D2-supplementation and patients for whom quantitation of D2 and D3 fractions is required, the QuestAssured(TM) 25-OH VIT D, (D2,D3), LC/MS/MS is recommended: order code 92888 (patients >2yrs).

COMMENT*No Historical Data*

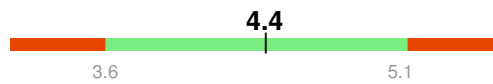
See Note 1

Note 1

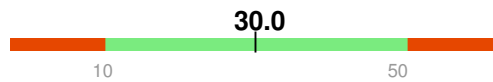
For additional information, please refer to <http://education.QuestDiagnostics.com/faq/FAQ199> (This link is being provided for informational/ educational purposes only.)

TESTOSTERONE, FREE, BIOAVAILABLE AND TOTAL, MS**ALBUMIN**

Reference Range: 3.6-5.1
g/dL

*No Historical Data***SEX HORMONE BINDING GLOBULIN**

Reference Range: 10-50
nmol/L

*No Historical Data***TESTOSTERONE, TOTAL, MS**

Reference Range: 250-1100
ng/dL

*No Historical Data*

For additional information, please refer to <https://education.questdiagnostics.com/faq/FAQ165> (This link is being provided for informational/educational purposes only.)
(Note)

This test was developed and its analytical performance characteristics have been determined by medfusion. 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.

MDF
med fusion
2501 South State Highway 121, Suite 1100
Lewisville TX 75067
972-966-7300
Michael Chaump, MD

TESTOSTERONE, FREE AND BIOAVAILABLE**TESTOSTERONE, FREE**

Reference Range: 46.0-224.0
pg/mL

*No Historical Data***TESTOSTERONE, BIOAVAILABLE**

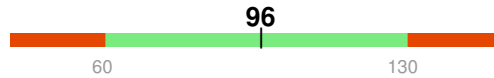
Reference Range:
110.0-575.0 ng/dL

*No Historical Data*

ZINC

ZINC

Reference Range: 60-130 mcg/dL



No Historical Data

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute Chantilly, VA. It has not been cleared or approved by the U.S. Food and Drug Administration. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

CALCITRIOL 1,25 DIHYDROXYVITAMIN D

VITAMIN D, 1,25 (OH)₂, TOTAL

Reference Range: 18-72 pg/mL



No Historical Data

VITAMIN D3, 1,25 (OH)₂

pg/mL

24

No Historical Data

VITAMIN D2, 1,25 (OH)₂

pg/mL

<8

No Historical Data

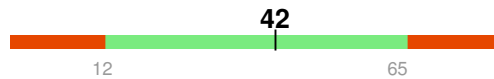
Vitamin D3, 1,25(OH)₂ indicates both endogenous production and supplementation. Vitamin D2, 1,25(OH)₂ is an indicator of exogenous sources, such as diet or supplementation. Interpretation and therapy are based on measurement of Vitamin D,1,25(OH)₂, Total.

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute, Chantilly, VA. 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.

DIHYDROTESTOSTERONE

DIHYDROTESTOSTERONE, LC/MS/MS

Reference Range: 12-65 ng/dL



No Historical Data

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

IRON, TIBC AND FERRITIN PANEL

IRON, TOTAL

Reference Range: 50-180 mcg/dL



No Historical Data

IRON BINDING CAPACITY

Reference Range: 250-425 mcg/dL (calc)



No Historical Data

% SATURATION

Reference Range: 20-48 % (calc)



No Historical Data

FERRITIN

Reference Range: 38-380 ng/mL



No Historical Data

GLUCOSE

GLUCOSE

Reference Range: 65-99 mg/dL



No Historical Data

Fasting reference interval

ANA SCREEN, IFA, W/REFL TITER AND PATTERN

ANA SCREEN, IFA

NEGATIVE

Reference Range: NEGATIVE

No Historical Data

ANA IFA is a first line screen for detecting the presence of up to approximately 150 autoantibodies in various autoimmune diseases. A negative ANA IFA result suggests an ANA-associated autoimmune disease is not present at this time, but is not definitive. If there is high clinical suspicion for Sjogren's syndrome, testing for anti-SS-A/Ro antibody should be considered. Anti-Jo-1 antibody should be considered for clinically suspected inflammatory myopathies.

AC-0: Negative

International Consensus on ANA Patterns (<https://doi.org/10.1515/cclm-2018-0052>)

For additional information, please refer to <http://education.QuestDiagnostics.com/faq/FAQ177> (This link is being provided for informational/ educational purposes only.)

RHEUMATOID FACTOR

RHEUMATOID FACTOR

<14

Reference Range: <14 IU/mL

No Historical Data

THYROID PEROXIDASE ANTIBODIES

THYROID PEROXIDASE ANTIBODIES

Reference Range: <9 IU/mL



No Historical Data

DHEA SULFATE

DHEA SULFATE

Reference Range: 32-279 mcg/dL



No Historical Data

DHEA-S values fall with advancing age. For reference, the reference intervals for 31-40 year old patients are:

Male: 93-415 mcg/dL

Female: 19-237 mcg/dL

FOLATE, RBC

FOLATE, RBC

Reference Range: >280 ng/mL RBC

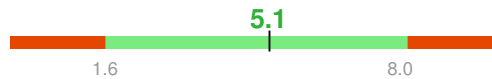


No Historical Data

FSH

FSH

Reference Range: 1.6-8.0 mIU/mL



No Historical Data

INSULIN

INSULIN

uIU/mL

2.2

No Historical Data

Reference Range < or = 19.6

Risk:

Optimal < or = 19.6

Moderate NA

High >19.6

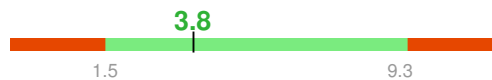
Adult cardiovascular event risk category cut points (optimal, moderate, high) are based on Quest Diagnostics population data from 12/2011.

This insulin assay shows strong cross-reactivity for some insulin analogs (lispro, aspart, and glargine) and much lower cross-reactivity with others (detemir, glulisine).

LH

LH

Reference Range: 1.5-9.3 mIU/mL



No Historical Data

T4, FREE

T4, FREE

Reference Range: 0.8-1.8 ng/dL

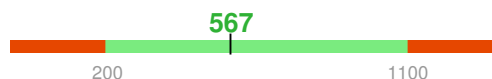


No Historical Data

VITAMIN B12

VITAMIN B12

Reference Range: 200-1100 pg/mL

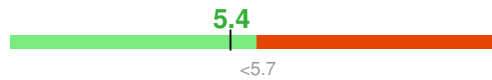


No Historical Data

HEMOGLOBIN A1c

HEMOGLOBIN A1c

Reference Range: <5.7 % of total Hgb



No Historical Data

For the purpose of screening for the presence of diabetes:

<5.7% Consistent with the absence of diabetes
5.7-6.4% Consistent with increased risk for diabetes (prediabetes)
> or =6.5% Consistent with diabetes

This assay result is consistent with a decreased risk of diabetes.

Currently, no consensus exists regarding use of hemoglobin A1c for diagnosis of diabetes in children.

According to American Diabetes Association (ADA) guidelines, hemoglobin A1c <7.0% represents optimal control in non-pregnant diabetic patients. Different metrics may apply to specific patient populations. Standards of Medical Care in Diabetes(ADA).

Performing Sites


AMD Quest Diagnostics/Nichols Chantilly-Chantilly VA, 14225 Newbrook Dr, Chantilly, VA 20151-2228 Laboratory Director: Patrick W Mason M.D.,PhD

AT Quest Diagnostics-Atlanta, 1777 Montreal Circle, Tucker, GA 30084-6802 Laboratory Director: Dr Andrew N Young

EZ Quest Diagnostics/Nichols SJC-San Juan Capistrano,, 33608 Ortega Hwy, San Juan Capistrano, CA 92675-2042 Laboratory Director: Irina Maramica MD,PhD,MBA

Z3E MedFusion-MedFusion, 2501 South State Highway 121, Suite 1100, Lewisville, TX 75067-8188 Laboratory Director: Michael Chaump MD

Key

 Priority Out of Range  Out of Range

Note: Data displayed only for results that meet strict identification matching. Historical result view may vary based on corrected or updated patient demographics. The reference range displayed may vary due to potential changes in laboratory testing methods. Please refer to the published reference range on each lab report.

These results have been sent to the person who ordered the tests. Your receipt of these results should not be viewed as medical advice and is not meant to replace discussion with your doctor or other healthcare professional.

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