

ARNESEN, LEIF

DOB: 10/26/1991 | Sex: M | Specimen: DZ790683H | Report Status: FINAL / SEE REPORT |
Collected Date: 01/18/2024 14:17



Cholesterol (Lipid) Panel FINAL

Cholesterol, Total

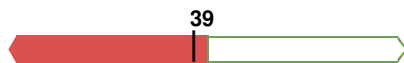
Desired Range: <200 mg/dL



No Historical Data

▲ HDL Cholesterol

Desired Range: > OR = 40 mg/dL



No Historical Data

Triglycerides

Desired Range: <150 mg/dL



No Historical Data

LDL Cholesterol

Unit of Measure: mg/dL (calc)

Result: 55

No Historical Data

Reference range: <100

Desirable range <100 mg/dL for primary prevention;
<70 mg/dL for patients with CHD or diabetic patients
with > or = 2 CHD risk factors.

LDL-C is now calculated using the Martin-Hopkins
calculation, which is a validated novel method providing
better accuracy than the Friedewald equation in the
estimation of LDL-C.

Martin SS et al. JAMA. 2013;310(19): 2061-2068
(<http://education.QuestDiagnostics.com/faq/FAQ164>)

Cholesterol Total/Cholesterol HDL Ratio

Desired Range: <5.0 (calc)



No Historical Data

Non HDL Cholesterol

Desired Range: <130 mg/dL (calc)



No Historical Data

For patients with diabetes plus 1 major ASCVD risk
factor, treating to a non-HDL-C goal of <100 mg/dL
(LDL-C of <70 mg/dL) is considered a therapeutic
option.

VITAMIN DEFICIENCY PANEL, VEGETARIAN FINAL

Calcium

Desired Range: 8.6-10.3 mg/dL



No Historical Data

IODINE, SERUM/PLASMA

Desired Range: 52-109 mcg/L

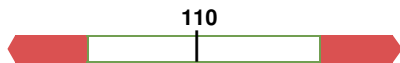


No Historical Data

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.

Iron, Total

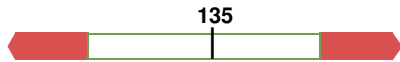
Desired Range: 50-180 mcg/dL



No Historical Data

VITAMIN B1 (THIAMINE), BLOOD, LC/MS/MS

Desired Range: 78-185 nmol/L



No Historical Data

(Note)

Vitamin supplementation within 24 hours prior to blood draw may affect the accuracy of the results.

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

MDF
med fusion
2501 South State Highway 121, Suite 1100
Lewisville TX 75067
972-966-7300
Robert L. Breckenridge, MD

VITAMIN B12

Desired Range: 200-1100 pg/mL



No Historical Data

Please Note: Although the reference range for vitamin B12 is 200-1100 pg/mL, it has been reported that between 5 and 10% of patients with values between 200 and 400 pg/mL may experience neuropsychiatric and hematologic abnormalities due to occult B12 deficiency; less than 1% of patients with values above 400 pg/mL will have symptoms.

▲ VITAMIN B6, PLASMA

Desired Range: 2.1-21.7 ng/mL



No Historical Data

(Note)

VITAMIN SUPPLEMENTATION WITHIN 24 HOURS PRIOR TO BLOOD DRAW MAY AFFECT THE ACCURACY OF RESULTS.

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

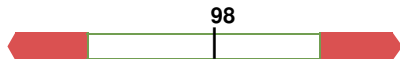
Lewisville TX 75067

972-966-7300

Robert L. Breckenridge, MD

ZINC

Desired Range: 60-130 mcg/dL



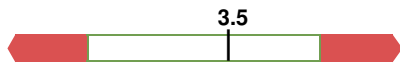
No Historical Data

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.

OMEGA 3 AND 6 FATTY ACIDS

OMEGA 3 (EPA+DHA) INDEX

Desired Range: 1.4-4.9 %



No Historical Data

Risk: Optimal > 3.2%; Moderate 2.2-3.2%; High < 2.2%

Cardiovascular event risk category cut points for Omega3 index (optimal, moderate, high) are based on quartiles of adult U.S reference population. Association between Omega3 index and cardiovascular events is based on Albert et al. NEJM. 2002;346:1113.

RISK

Result: Low

No Historical Data

The Omega-3 Index is associated with a low risk of cardiovascular disease because it is in the top population quartile. The Omega-3 Index categories are based on the top (75th percentile) and bottom (25th percentile) quartiles of the reference population. Consumption of foods high in omega-3 fatty acids (EPA and DHA) or supplements containing omega-3 fatty acids can increase the Omega-3 Index.

Index <2.2: High

Index 2.2-3.2: Moderate

Index >3.2: Optimal

OMEGA 6/OMEGA 3 RATIO

Desired Range: 5.7-21.3



No Historical Data

EPA/ARACHIDONIC ACID RATIO

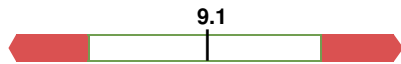
Desired Range: 0.2 OR LESS

Result: 0.1

No Historical Data

ARACHIDONIC ACID

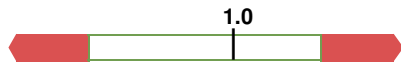
Desired Range: 5.2-12.9 %



No Historical Data

EPA

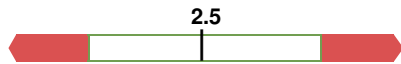
Desired Range: 0.2-1.5 %



No Historical Data

DHA

Desired Range: 1.2-3.9 %



No Historical Data

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

Vitamin D

Vitamin D,25

Desired 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

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.)

Men's Hormone Panel - Expanded FINAL

Albumin

Desired Range: 3.6-5.1 g/dL



No Historical Data

SEX HORMONE BINDING GLOBULIN

Desired Range: 10-50 nmol/L



No Historical Data

TESTOSTERONE, TOTAL, MS

Desired Range: 250-1100 ng/dL



No Historical Data

For additional information, please refer to <http://education.questdiagnostics.com/faq/TotalTestosteroneLCMSMSFAQ165> (This link is being provided for informational/ educational purposes only.)

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.

ESTRADIOL

Desired Range: <=39 pg/mL



No Historical Data

Reference range established on post-pubertal patient population. No pre-pubertal reference range established using this assay. For any patients for whom low Estradiol levels are anticipated (e.g. males, pre-pubertal children, and hypogonadal/post-menopausal females), the Quest Diagnostics Nichols Institute Estradiol, Ultrasensitive, LCMSMS assay is recommended (order code 30289).

Please note: Patients being treated with the drug fulvestrant [Faslodex(R)] have demonstrated significant interference in immunoassay methods for estradiol measurement. The cross reactivity could lead to falsely elevated estradiol test results leading to an inappropriate clinical assessment of estrogen status. Quest Diagnostics order code 30289-Estradiol, Ultrasensitive LC/MS/MS demonstrates negligible cross reactivity with fulvestrant.

PROLACTIN

Desired Range: *** ng/mL

Result: 16.2

No Historical Data

Unable to flag abnormal result(s), please refer to reference range(s) below:

Reference range(s):

Adult Males:	2.0 - 18.0 ng/mL
Adult Females:	
- Non-pregnant:	3.0 - 30.0 ng/mL
- Pregnant:	10.0 - 209.0 ng/mL
- Post-Menopausal:	2.0 - 20.0 ng/mL

TESTOSTERONE, FREE AND BIOAVAILABLE

TESTOSTERONE, FREE

Desired Range: 46.0-224.0 pg/mL



No Historical Data

TESTOSTERONE, BIOAVAILABLE

Desired Range: 110.0-575.0 ng/dL

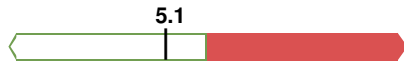


No Historical Data

Hemoglobin A1c FINAL

Hemoglobin A1c

Desired 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).

COMMENT

HbA1c performed on Roche platform.
Effective 11/27/23 a change in test platforms may have shifted HbA1c results compared to historical results.

Blood Type (ABO, Rh) FINAL

ABO Group

Result: O No Historical Data

Rh

Result: RH(D) POSITIVE No Historical Data

COMMENT

For additional information, please refer to <http://education.QuestDiagnostics.com/faq/FAQ111>
(This link is being provided for informational/educational purposes only.)

Next Steps

Still Have Questions?

Contact the PWNHealth care coordination team to schedule a session with a physician to discuss your results.
Monday - Friday / 9:00am - 5:30pm EST, Phone: (855) 205-6146






Performing Lab

SLI Quest Diagnostics-Nichols Valencia, 27027 Tourney Rd, Valencia, CA 91355-5386 Laboratory Director: Thomas McDonald M.D.
Z3E MedFusion-MedFusion, 2501 South State Highway 121, Suite 1100, Lewisville, TX 75067-8188 Laboratory Director: Robert L Breckenridge MD
IG Quest Diagnostics-Dallas Lab, 4770 Regent Blvd, Irving, TX 75063-2445 Laboratory Director: Dr. Robert L Breckenridge
AMD Quest Diagnostics/Nichols Chantilly-Chantilly VA, 14225 Newbrook Dr, Chantilly, VA 20151-2228 Laboratory Director: Patrick W Mason M.D., PhD
EZ Quest Diagnostics/Nichols SJC-San Juan Capistrano,, 33608 Ortega Hwy, San Juan Capistrano, CA 92675-2042 Laboratory Director: Irina Maramica MD, PhD, MBA

Ordering Physician

ABRAHAM,ANDREW
PWN HEALTH, (888) 362-4321

Key:

 Out of Range *  Pending Result  Preliminary Result  Final Result  Reissued Result

* Refers to a result that is outside of the provided normal 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.

To feel fully empowered to make healthy decisions based on your test results, it is recommended that you discuss them with a health care provider. Please note, our patient service centers or laboratories do not have your full medical story to provide you with an interpretation or diagnosis.

Quest, Quest Diagnostics, the associated logo, Nichols Institute, Interactive Insights and all associated Quest Diagnostics marks are the registered trademarks of Quest Diagnostics. All third party marks - '®' and '™' - are the property of their respective owners. © 2022 Quest Diagnostics Incorporated. All rights reserved.