

FOREMAN,JOHN

DOB: 02/23/1980 Age: 42 Specimen: DZ181325A
 Sex: M Fasting: Requisition: 0004791
 Phone: (412) 298-0621 Lab Reference ID: 903970
 Patient ID: 2465 Report Status: FINAL / SEE REPORT

Collected: 03/24/2022 08:39 Client #: 97520272
 Received: 03/24/2022 08:43 SHERMAN,COURTNEY
 Reported: 03/30/2022 05:47 DISCOUNTED LABS
 1302 WAUGH DR # 143
 HOUSTON, TX 77019-3908
 Phone: (602) 220-1243

▲ LIPID PANEL, STANDARD

CHOLESTEROL, TOTAL

Reference Range: <200
mg/dL



No Historical Data

▲ HDL CHOLESTEROL

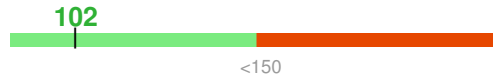
Reference Range: > OR = 40
mg/dL



No Historical Data

TRIGLYCERIDES

Reference Range: <150
mg/dL



No Historical Data

▲ LDL-CHOLESTEROL

mg/dL (calc)

101 H

No Historical Data

Reference range: <100

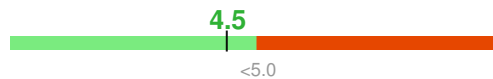
Desirable range <100 mg/dL for primary prevention;
<70 mg/dL for patients with CHD or diabetic patients
with > or = 2 CHD risk factors.

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>)

CHOL/HDL-C RATIO

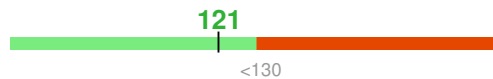
Reference Range: <5.0 (calc)



No Historical Data

NON HDL CHOLESTEROL

Reference Range: <130
mg/dL (calc)



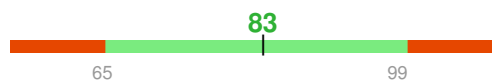
No Historical Data

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.

▲ COMPREHENSIVE METABOLIC PANEL

GLUCOSE

Reference Range: 65-99 mg/dL



No Historical Data

Fasting reference interval

UREA NITROGEN (BUN)

Reference Range: 7-25 mg/dL



No Historical Data

▲ CREATININE

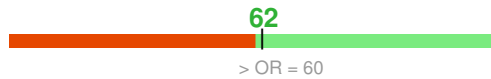
Reference Range: 0.60-1.35 mg/dL



No Historical Data

eGFR NON-AFR. AMERICAN

Reference Range: > OR = 60 mL/min/1.73m2



No Historical Data

eGFR AFRICAN AMERICAN

Reference Range: > OR = 60 mL/min/1.73m2



No Historical Data

BUN/CREATININE RATIO

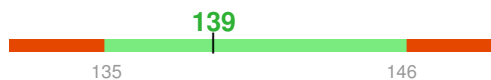
Reference Range: 6-22 (calc)



No Historical Data

SODIUM

Reference Range: 135-146 mmol/L



No Historical Data

POTASSIUM

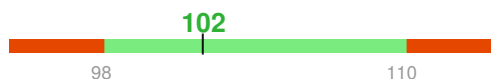
Reference Range: 3.5-5.3 mmol/L



No Historical Data

CHLORIDE

Reference Range: 98-110 mmol/L



No Historical Data

CARBON DIOXIDE

Reference Range: 20-32 mmol/L



No Historical Data

CALCIUM

Reference Range: 8.6-10.3 mg/dL



No Historical Data

PROTEIN, TOTAL

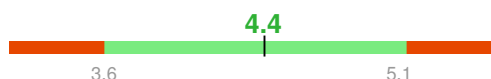
Reference Range: 6.1-8.1 g/dL



No Historical Data

ALBUMIN

Reference Range: 3.6-5.1 g/dL



No Historical Data

GLOBULIN

Reference Range: 1.9-3.7 g/dL (calc)

*No Historical Data*

ALBUMIN/GLOBULIN RATIO

Reference Range: 1.0-2.5 (calc)

*No Historical Data*

BILIRUBIN, TOTAL

Reference Range: 0.2-1.2 mg/dL

*No Historical Data*

ALKALINE PHOSPHATASE

Reference Range: 36-130 U/L

*No Historical Data*

AST

Reference Range: 10-40 U/L

*No Historical Data*

▲ ALT

Reference Range: 9-46 U/L

*No Historical Data*

▲ ESTRADIOL,ULTRASENSITIVE, LC/MS**▲ ESTRADIOL,ULTRASENSITIVE, LC/MS**

Reference Range: < OR = 29 pg/mL

*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.

▲ TESTOSTERONE, FREE (DIALYSIS) AND TOTAL,MS**▲ 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.

▲ TESTOSTERONE, FREE

Reference Range: 35.0-155.0 pg/mL



No Historical Data

(Note)

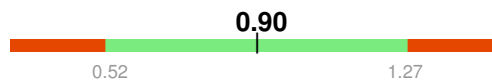
This test was developed and its analytical performance characteristics have been determined by medfusion. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

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

CYSTATIN C WITH eGFR

CYSTATIN C

Reference Range: 0.52-1.27 mg/L



No Historical Data

eGFR

Reference Range: > OR = 60 mL/min/1.73m²



No Historical Data

HEMATOCRIT

HEMATOCRIT

Reference Range: 38.5-50.0 %



No Historical Data

Performing Sites

EZ Quest Diagnostics/Nichols SJC-San Juan Capistrano., 33608 Ortega Hwy, San Juan Capistrano, CA 92675-2042 Laboratory Director: Irina Maramica MD, PhD, MBA
IG Quest Diagnostics-Dallas Lab, 4770 Regent Blvd, Irving, TX 75063-2445 Laboratory Director: Dr. Robert L Breckenridge
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

Report Insights

HDL CHOLESTEROL

HDL Cholesterol < 40 mg/dL

The level of HDL cholesterol circulating in the blood can help determine your risk for heart disease. The National Heart, Lung, and Blood Institute (NHLBI) considers an HDL cholesterol level of less than 40 mg/dL in men 20 years of age and older to be a risk factor for heart disease. HDL cholesterol is considered the "good" cholesterol and a level equal to or above 60 mg/dL may reduce the risk of heart disease. Other cholesterol measurements, alongside patient characteristics, should be taken into consideration when determining a person's risk level for heart disease and monitoring for therapy (lifestyle modifications or medication) responses. Click here: https://www.nhlbi.nih.gov/files/docs/public/heart/cho_l_tlc.pdf to learn more from this guide about cholesterol levels and how they matter to a person's health from the NHLBI.

LIPID PANEL, STANDARD

Know the Facts about High Cholesterol

Nearly 1 in 3 American adults has high cholesterol. Too much cholesterol puts you at risk for heart disease and stroke, two leading causes of death in the United States. High cholesterol has no signs or symptoms, so the only way to know if you have it is to get your cholesterol checked. Talk to your health care team about how you can manage your cholesterol levels and lower your risk.

Visit : https://www.heart.org/-/media/files/health-topics/cholesterol/cccc_my-cholesterol-guide.pdf the CDC website for more information about cholesterol : <https://www.cdc.gov/cholesterol/index.htm>

Heart Medication Awareness

This publication discuss heart medication, and the importance of finding the right dose.

View More :

<https://ii.questdiagnostics.com/ii-content-service/media/image?path=/insights/c1560f33-b352-4cd4-8205-a85431bb4e3c/images/11Febheartmedication.pdf>

CREATININE

Creatinine > 1.35 mg/dL

For men 20 to 49 years of age, the reference range for creatinine in serum specimens is between 0.60 mg/dL and 1.35 mg/dL. An elevated level of creatinine may indicate kidney disease or be suggestive of other conditions that affect kidney function. These conditions can include infection, urinary tract obstruction, congestive heart failure, and diabetes complications. Serum creatinine levels vary with age, gender, and ethnic background and can also be affected by certain medications. Thus, tests for serum creatinine are typically done in combination with other laboratory tests, including blood urea nitrogen (BUN) and estimated glomerular filtration rate (eGFR). This latter measurement takes into account age and gender. You can learn more about serum creatinine test results from the American Association for Clinical Chemistry by clicking here : <https://labtestsonline.org/tests/creatinine> to visit Lab Tests Online.

ALT

Alanine Aminotransferase (ALT) > 46 U/L

For men 20 years of age and older, the reference range for ALT in serum specimens is between 9 U/L and 46 U/L. An elevated level of ALT may occur with some liver conditions, including acute and chronic hepatitis, cirrhosis, and bile duct obstruction. Tests for ALT are typically done in combination with other laboratory tests, such as for aspartate aminotransferase (AST), to assess liver function. You can learn more about ALT test results from the American Association for Clinical Chemistry by clicking here : <https://labtestsonline.org/tests/alanine-aminotransferase-alt> to visit Lab Tests Online.

POTASSIUM

Potassium > 5.0 mmol/L

The level of potassium in the blood can provide information on the status of potassium intake from food and dietary supplements. It also can provide information on certain illnesses that can affect potassium levels in the body. A level between 3.6 and 5.0 mmol/L is generally considered to be in the reference range. A level higher than 5.0 mmol/L indicates hyperkalemia, which can be caused by kidney disease, some other conditions, such as an infection, and certain medications. Click here : <https://ods.od.nih.gov/factsheets/Potassium-Consumer/> to learn more about potassium and health from the Office of Dietary Supplements.

COMPREHENSIVE METABOLIC PANEL

Comprehensive Metabolic Panel Result: What does it mean?

A CMP refers to a broad screening tool that includes 14 tests that evaluate the functioning of a person's liver and kidneys, as well as the body's fluid balance and general metabolism. The results additionally provide a general indicator of your overall health; a CMP is often ordered in your yearly physical exam.

In a CMP, levels of liver enzymes, waste products of the kidneys (BUN and creatinine), electrolytes (calcium, sodium, potassium), and glucose, among other indicators of general body function are detected. The test results of a CMP are useful to examine for conditions, such as diabetes, liver disease, and kidney disease and also to monitor present conditions, such as hypertension.

See More : <http://labtestsonline.org/understanding/analytes/cmp/tab/test#what>

Source: <http://labtestsonline.org> : <http://labtestsonline.org/understanding/analytes/cmp/tab/test#what>

ESTRADIOL,ULTRASENSITIVE, LC/MS

Estrogen Blood Tests

Estrogen tests are used to detect a deficiency or excess in women and a hormone excess in men to help diagnose a variety of conditions associated with this imbalance. Learn more about estrogen testing from the American Association for Clinical Chemistry's (AACC) Lab Tests Online website.

Go to the Lab Tests Online website : <https://labtestsonline.org/understanding/analytes/estrogen/tab/test/>

Quest Diagnostics Patient Service Centers

Use our online scheduling service to make an appointment at a Quest Diagnostics Patient Service Center.

Schedule an Appointment : <https://appointment-beta.questdiagnostics.com/schedule-appointment/as-reason-for-visit>

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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