

## BAGER,ARWA A

DOB: 03/31/1981  
Sex: F  
Phone: (305) 788-5319  
Patient ID: 20127614

Age: 41  
Fasting: Y

Specimen: MZ618610C  
Requisition: 0128823  
Lab Reference ID: 201868013QBU  
Report Status: FINAL

Collected: 03/15/2023 08:44  
Received: 03/15/2023 08:44  
Reported: 03/16/2023 04:02

Client #: 28934  
CUETO,VICTOR  
UM UHEALTH KDALL INT MED  
8932 SW 97TH AVE STE G  
MIAMI, FL 33176-1936  
Phone: (305) 270-3400  
Fax: (305) 270-3486

FASTING: YES

▲ **LIPID PANEL, STANDARD**

Analyte	Value	
▲ <b>CHOLESTEROL, TOTAL</b>	<b>293 H</b>	Reference Range: <200 mg/dL
<b>HDL CHOLESTEROL</b>	<b>71</b>	Reference Range: > OR = 50 mg/dL
<b>TRIGLYCERIDES</b>	<b>104</b>	Reference Range: <150 mg/dL
▲ <b>LDL-CHOLESTEROL</b>	<b>199 H</b>	mg/dL (calc)
<p>LDL-C levels &gt; or = 190 mg/dL may indicate familial hypercholesterolemia (FH). Clinical assessment and measurement of blood lipid levels should be considered for all first degree relatives of patients with an FH diagnosis.</p> <p>For questions about testing for familial hypercholesterolemia, please call Quest Genomics Client Services at 1.866.GENE.INFO.</p> <p>Jacobson T, et al. J National Lipid Association Recommendations for Patient-Centered Management of Dyslipidemia: Part 1 Journal of Clinical Lipidology 2015;9(2), 129-169.</p> <p>Reference range: &lt;100</p> <p>Desirable range &lt;100 mg/dL for primary prevention; &lt;70 mg/dL for patients with CHD or diabetic patients with &gt; or = 2 CHD risk factors.</p> <p>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.</p> <p>Martin SS et al. JAMA. 2013;310(19): 2061-2068 (<a href="http://education.QuestDiagnostics.com/faq/FAQ164">http://education.QuestDiagnostics.com/faq/FAQ164</a>)</p>		
<b>CHOL/HDL-C RATIO</b>	<b>4.1</b>	Reference Range: <5.0 (calc)
▲ <b>NON HDL CHOLESTEROL</b>	<b>222 H</b>	Reference Range: <130 mg/dL (calc)
<p>Non-HDL level &gt; or = 220 is very high and may indicate genetic familial hypercholesterolemia (FH). Clinical assessment and measurement of blood lipid levels should be considered for all first-degree relatives of patients with an FH diagnosis.</p> <p>For patients with diabetes plus 1 major ASCVD risk factor, treating to a non-HDL-C goal of &lt;100 mg/dL (LDL-C of &lt;70 mg/dL) is considered a therapeutic option.</p>		

▲ **CBC (INCLUDES DIFF/PLT)**

Analyte	Value	
<b>WHITE BLOOD CELL COUNT</b>	<b>9.9</b>	Reference Range: 3.8-10.8 Thousand/uL
<b>RED BLOOD CELL COUNT</b>	<b>4.99</b>	Reference Range: 3.80-5.10 Million/uL
<b>HEMOGLOBIN</b>	<b>13.8</b>	Reference Range: 11.7-15.5 g/dL
<b>HEMATOCRIT</b>	<b>41.0</b>	Reference Range: 35.0-45.0 %

MCV	82.2	Reference Range: 80.0-100.0 fL
MCH	27.7	Reference Range: 27.0-33.0 pg
MCHC	33.7	Reference Range: 32.0-36.0 g/dL
RDW	12.3	Reference Range: 11.0-15.0 %
<b>▲ PLATELET COUNT</b>	<b>538 H</b>	Reference Range: 140-400 Thousand/uL
MPV	9.7	Reference Range: 7.5-12.5 fL
ABSOLUTE NEUTROPHILS	5782	Reference Range: 1500-7800 cells/uL
ABSOLUTE LYMPHOCYTES	3257	Reference Range: 850-3900 cells/uL
ABSOLUTE MONOCYTES	485	Reference Range: 200-950 cells/uL
ABSOLUTE EOSINOPHILS	307	Reference Range: 15-500 cells/uL
ABSOLUTE BASOPHILS	69	Reference Range: 0-200 cells/uL
NEUTROPHILS	58.4	%
LYMPHOCYTES	32.9	%
MONOCYTES	4.9	%
EOSINOPHILS	3.1	%
BASOPHILS	0.7	%



## TSH+FREE T4

Analyte	Value	
TSH	0.44	mIU/L
Reference Range		
> or = 20 Years 0.40-4.50		
Pregnancy Ranges		
First trimester	0.26-2.66	
Second trimester	0.55-2.73	
Third trimester	0.43-2.91	
T4, FREE	1.6	Reference Range: 0.8-1.8 ng/dL

## Performing Sites

MI Quest Diagnostics-Miami, 10200 Commerce Pkwy, Miramar, FL 33025-3938 Laboratory Director: Julie L Friedman, MD

## Key

 Priority Out of Range  Out of Range

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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