

RIGLIETTI,ROBERT

DOB: 07/30/1995	Age: 28	Specimen: CZ356237Y	Collected: 07/12/2024 07:47	Client #: 21121121
Sex: M	Fasting: Y	Requisition: 0019899	Received: 07/12/2024 07:47	ESKANDER,EIRINY
Phone: (631) 793-2551		Lab Reference ID: 72283366	Reported: 07/16/2024 15:22	ORDER REDIRECT
Patient ID: 252171102		Report Status: FINAL / SEE REPORT		MAIN LAB
				1 INSIGHTS DR
				CLIFTON, NJ 07012-2355
				Phone: (866) 697-8378

FASTING: YES

**▲ VITAMIN D,25-OH,TOTAL,IA**

Analyte	Value
<b>▲ VITAMIN D,25-OH,TOTAL,IA</b>	<b>26 L</b> Reference Range: 30-100 ng/mL
Vitamin D Status	25-OH Vitamin D:
Deficiency:	<20 ng/mL
Insufficiency:	20 - 29 ng/mL
Optimal:	> or = 30 ng/mL
<p>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 &gt;2yrs).</p>	

**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.)

**▲ ACTH, PLASMA**

Analyte	Value
<b>▲ ACTH, PLASMA</b>	<b>83 H</b> Reference Range: 6-50 pg/mL
Reference range applies only to specimens collected between 7am-10am.	

**COMPREHENSIVE METABOLIC PANEL**

Analyte	Value
<b>GLUCOSE</b>	<b>91</b> Reference Range: 65-99 mg/dL
Fasting reference interval	
<b>UREA NITROGEN (BUN)</b>	<b>13</b> Reference Range: 7-25 mg/dL
<b>CREATININE</b>	<b>0.97</b> Reference Range: 0.60-1.24 mg/dL
<b>EGFR</b>	<b>109</b> Reference Range: > OR = 60 mL/min/1.73m2
<b>BUN/CREATININE RATIO</b>	<b>SEE NOTE:</b> Reference Range: 6-22 (calc)
Not Reported: BUN and Creatinine are within reference range.	
<b>SODIUM</b>	<b>140</b> Reference Range: 135-146 mmol/L
<b>POTASSIUM</b>	<b>4.4</b> Reference Range: 3.5-5.3 mmol/L
<b>CHLORIDE</b>	<b>104</b> Reference Range: 98-110 mmol/L
<b>CARBON DIOXIDE</b>	<b>30</b> Reference Range: 20-32 mmol/L

<b>CALCIUM</b>	<b>9.9</b>	Reference Range: 8.6-10.3 mg/dL
<b>PROTEIN, TOTAL</b>	<b>7.0</b>	Reference Range: 6.1-8.1 g/dL
<b>ALBUMIN</b>	<b>4.7</b>	Reference Range: 3.6-5.1 g/dL
<b>GLOBULIN</b>	<b>2.3</b>	Reference Range: 1.9-3.7 g/dL (calc)
<b>ALBUMIN/GLOBULIN RATIO</b>	<b>2.0</b>	Reference Range: 1.0-2.5 (calc)
<b>BILIRUBIN, TOTAL</b>	<b>0.6</b>	Reference Range: 0.2-1.2 mg/dL
<b>ALKALINE PHOSPHATASE</b>	<b>85</b>	Reference Range: 36-130 U/L
<b>AST</b>	<b>16</b>	Reference Range: 10-40 U/L
<b>ALT</b>	<b>18</b>	Reference Range: 9-46 U/L

### PTH, INTACT (ICMA) AND IONIZED CALCIUM

Analyte	Value	
<b>PARATHYROID HORMONE, INTACT</b>	<b>62</b>	Reference Range: 16-77 pg/mL
Interpretive Guide	Intact PTH	Calcium
-----	-----	-----
Normal Parathyroid	Normal	Normal
Hypoparathyroidism	Low or Low Normal	Low
Hyperparathyroidism		
Primary	Normal or High	High
Secondary	High	Normal or Low
Tertiary	High	High
Non-Parathyroid		
Hypercalcemia	Low or Low Normal	High
<b>CALCIUM</b>	<b>9.9</b>	Reference Range: 8.6-10.3 mg/dL
<b>CALCIUM, IONIZED</b>	<b>5.2</b>	Reference Range: 4.7-5.5 mg/dL

### TSH

Analyte	Value	
<b>TSH</b>	<b>3.53</b>	Reference Range: 0.40-4.50 mIU/L

### T4, FREE

Analyte	Value	
<b>T4, FREE</b>	<b>1.2</b>	Reference Range: 0.8-1.8 ng/dL

### T3, FREE

Analyte	Value	
<b>T3, FREE</b>	<b>3.6</b>	Reference Range: 2.3-4.2 pg/mL

### CBC (INCLUDES DIFF/PLT)

Analyte	Value	
<b>WHITE BLOOD CELL COUNT</b>	<b>6.1</b>	Reference Range: 3.8-10.8 Thousand/uL
<b>RED BLOOD CELL COUNT</b>	<b>5.44</b>	Reference Range: 4.20-5.80 Million/uL
<b>HEMOGLOBIN</b>	<b>16.6</b>	Reference Range: 13.2-17.1 g/dL
<b>HEMATOCRIT</b>	<b>48.2</b>	Reference Range: 38.5-50.0 %

MCV	88.6	Reference Range: 80.0-100.0 fL
MCH	30.5	Reference Range: 27.0-33.0 pg
MCHC	34.4	Reference Range: 32.0-36.0 g/dL
RDW	13.2	Reference Range: 11.0-15.0 %
PLATELET COUNT	256	Reference Range: 140-400 Thousand/uL
MPV	8.1	Reference Range: 7.5-12.5 fL
ABSOLUTE NEUTROPHILS	2629	Reference Range: 1500-7800 cells/uL
ABSOLUTE LYMPHOCYTES	2769	Reference Range: 850-3900 cells/uL
ABSOLUTE MONOCYTES	519	Reference Range: 200-950 cells/uL
ABSOLUTE EOSINOPHILS	140	Reference Range: 15-500 cells/uL
ABSOLUTE BASOPHILS	43	Reference Range: 0-200 cells/uL
NEUTROPHILS	43.1	%
LYMPHOCYTES	45.4	%
MONOCYTES	8.5	%
EOSINOPHILS	2.3	%
BASOPHILS	0.7	%

## VITAMIN B12

Analyte	Value	
VITAMIN B12	263	Reference Range: 200-1100 pg/mL
<p>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.</p>		

## CORTISOL, A.M.

Analyte	Value	
CORTISOL, A.M.	15.0	mcg/dL
<p>Reference Range 8 a.m. (7-9 a.m.) Specimen: 4.0-22.0</p>		

Your request to have a duplicate copy faxed has been acknowledged.  
Queued to: 18184834854

### Performing Sites

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

P89 Quest Diagnostics-Philadelphia, 400 Egypt Road, Clinical Lab, Norristown, PA 19403-3406 Laboratory Director: Andrew Edelman, MD PhD  
Z99 Quest Diagnostics-Clifton, 1 Insights Drive, Clifton, NJ 07012-2355 Laboratory Director: Peter E Fisher

### 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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