

Patient Information	Specimen Information	Client Information
<b>EPSTEIN, JEFFREY</b>  <b>DOB: 01/20/1953    AGE: 63</b> Gender: M Phone: [REDACTED] Patient ID: 19530120MJE	Specimen: KP992895A Requisition: 0842795  Collected: 11/11/2016 / 11:20 EST Received: 11/14/2016 / 16:33 EST Reported: 11/18/2016 / 11:38 EST	Client #: 78300020    MAIL992 MOSKOWITZ, BRUCE W BRUCE MOSKOWITZ, BRUCE MD Attn: APAL NATIONWIDE ACT 1411 N FLAGLER DR STE 7100 WEST PALM BEACH, FL 33401-3418

**SUMMARY OF REPORT CHANGES**

Please refer to the body of the report(s) for complete information

Test Name	In Range	Out Of Range	Reference Range
=> <b>REVISED: Change in test result(s)</b> PTH, INTACT AND CALCIUM			
CALCIUM	10.0		8.6-10.3 mg/dL
C-REACTIVE PROTEIN	0.10		<0.80 mg/dL

**PLEASE DISREGARD PREVIOUSLY REPORTED INFORMATION BELOW:**  
**ORIGINALLY REPORTED ON 11/14/2016 at 5:15 PM EST**

CALCIUM 8.6-10.3 mg/dL

PERFORMING LABORATORY INFORMATION  
 QUEST DIAGNOSTICS  
 ONE MALCOLM AVENUE  
 TETERBORO, NJ. 07608  
 LABORATORY DIRECTOR:  
 LAWRENCE TSAO, M.D.  
 CLIA NO: 31D0696246

**ORIGINALLY REPORTED ON 11/14/2016 at 5:03 PM EST**

C-REACTIVE PROTEIN <0.80 mg/dL

Please be advised that patients taking Carboxypenicillins may exhibit falsely decreased C-Reactive Protein levels due to an analytical interference in this assay.

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Test Name	In Range	Out Of Range	Reference Range	Lab
LIPID PANEL				
<b>CHOLESTEROL, TOTAL</b>		<b>221 H</b>	125-200 mg/dL	QHO
<b>HDL CHOLESTEROL</b>		<b>18 L</b>	> OR = 40 mg/dL	QHO
<b>TRIGLYCERIDES</b>		<b>988 H</b>	<150 mg/dL	QHO
LDL-CHOLESTEROL			<130 mg/dL (calc)	QHO

LDL cholesterol not calculated. Triglyceride levels greater than 400 mg/dL invalidate calculated LDL results.

Desirable range <100 mg/dL for patients with CHD or diabetes and <70 mg/dL for diabetic patients with known heart disease.

<b>CHOL/HDLC RATIO</b>		<b>12.3 H</b>	< OR = 5.0 (calc)	QHO
<b>NON HDL CHOLESTEROL</b>		<b>203 H</b>	mg/dL (calc)	QHO
Target for non-HDL cholesterol is 30 mg/dL higher than LDL cholesterol target.				

COMPREHENSIVE METABOLIC PANEL				QHO
GLUCOSE	83		65-99 mg/dL	

Fasting reference interval

UREA NITROGEN (BUN)	24		7-25 mg/dL	
CREATININE	0.90		0.70-1.25 mg/dL	
For patients >49 years of age, the reference limit for Creatinine is approximately 13% higher for people identified as African-American.				

eGFR NON-AFR. AMERICAN	91		> OR = 60 mL/min/1.73m2	
eGFR AFRICAN AMERICAN	105		> OR = 60 mL/min/1.73m2	
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	
SODIUM	139		135-146 mmol/L	
POTASSIUM	4.4		3.5-5.3 mmol/L	
CHLORIDE	102		98-110 mmol/L	
CARBON DIOXIDE	29		20-31 mmol/L	
CALCIUM	10.0		8.6-10.3 mg/dL	
PROTEIN, TOTAL	7.3		6.1-8.1 g/dL	
ALBUMIN	4.4		3.6-5.1 g/dL	
GLOBULIN	2.9		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	1.5		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.5		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	68		40-115 U/L	
AST	20		10-35 U/L	
ALT	20		9-46 U/L	
PTH, INTACT AND CALCIUM				
PTH, INTACT				QHO
<b>PARATHYROID HORMONE, INTACT</b>		<b>106 H</b>	14-64 pg/mL	

Interpretive Guide Intact PTH Calcium

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Test Name	In Range	Out Of Range	Reference Range	Lab
Normal Parathyroid Hypoparathyroidism	Normal	Normal		
Hyperparathyroidism	Low or Low Normal	Low		
Primary	Normal or High	High		
Secondary	High	Normal or Low		
Tertiary	High	High		
Non-Parathyroid Hypercalcemia	Low or Low Normal	High		

=> CALCIUM 10.0 8.6-10.3 mg/dL QHO

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SED RATE BY MODIFIED WESTERGRN 1 < OR = 20 mm/h QHO

VITAMIN B12 517 200-1100 pg/mL QHO

=>C-REACTIVE PROTEIN 0.10 <0.80 mg/dL QHO

Please be advised that patients taking Carboxypenicillins may exhibit falsely decreased C-Reactive Protein levels due to an analytical interference in this assay.

PSA, TOTAL 0.5 < OR = 4.0 ng/mL QHO

This test was performed using the Siemens chemiluminescent method. Values obtained from different assay methods cannot be used interchangeably. PSA levels, regardless of value, should not be interpreted as absolute evidence of the presence or absence of disease.

TESTOSTERONE, FR (DIALYSIS) AND TOTAL (LC/MS/MS) AMD

**TESTOSTERONE, TOTAL, LC/MS/MS 194 250-1100 ng/dL**

Men with clinically significant hypogonadal symptoms and testosterone values repeatedly in the range of the 200-300 ng/dL or less, may benefit from testosterone treatment after adequate risk and benefits counseling.

For more information on this test, go to <http://education.questdiagnostics.com/faq/TotalTestosteroneLCMSMS>

FREE TESTOSTERONE 44.6 35.0-155.0 pg/mL

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**Endocrinology**

Test Name	Result	Reference Range	Lab
VITAMIN D,25-OH,TOTAL,IA	43	30-100 ng/mL	QHO

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).

For more information on this test, go to:  
<http://education.questdiagnostics.com/faq/FAQ163>  
 (This link is being provided for informational/educational purposes only.)

Physician Comments:

**PERFORMING SITE:**

AMD QUEST DIAGNOSTICS/NICHOLS CHANTILLY, 14225 NEWBROOK DRIVE, CHANTILLY, VA 20151-2228 Laboratory Director: PATRICK W. MASON,MD,PHD, CLIA: 49D0221801  
 QHO QUEST DIAGNOSTICS HORSHAM, 900 BUSINESS CENTER DRIVE, HORSHAM, PA 19044-3432 Laboratory Director: ANDREW S EDELMAN, MD PHD, CLIA: 39D0204404