

Patient Information	Specimen Information	Client Information
<b>CAPPLEMAN, CASEY</b>  <b>DOB: 05/18/1981 AGE: 35</b> Gender: M Phone: 832.414.2989 Patient ID: 5181981 Health ID: 8573015481761730	Specimen: DL414966D Requisition: 0000273  Collected: 11/14/2016 / 06:56 CST Received: 11/14/2016 / 18:36 CST Reported: 11/18/2016 / 11:03 CST	Client #: 97510977 MAIL992 JOHNSON, CHERYL K EHORMONES MGT - HOUSTON 2550 GRAY FALLS DR STE 120 HOUSTON, TX 77077-6600

**COMMENTS:** FASTING: YES

Test Name	In Range	Out Of Range	Reference Range	Lab
<b>LIPID PANEL</b>				
<b>CHOLESTEROL, TOTAL</b>		122 L	125-200 mg/dL	RGA
HDL CHOLESTEROL	57		> OR = 40 mg/dL	RGA
TRIGLYCERIDES	54		<150 mg/dL	RGA
LDL-CHOLESTEROL	54		<130 mg/dL (calc)	RGA
Desirable range <100 mg/dL for patients with CHD or diabetes and <70 mg/dL for diabetic patients with known heart disease.				
CHOL/HDL C RATIO	2.1		< OR = 5.0 (calc)	RGA
NON HDL CHOLESTEROL	65		mg/dL (calc)	RGA
Target for non-HDL cholesterol is 30 mg/dL higher than LDL cholesterol target.				
<b>COMPREHENSIVE METABOLIC PANEL</b>				
GLUCOSE	94		65-99 mg/dL	RGA
Fasting reference interval				
<b>UREA NITROGEN (BUN)</b>		27 H	7-25 mg/dL	
CREATININE	1.00		0.60-1.35 mg/dL	
eGFR NON-AFR. AMERICAN	97		> OR = 60 mL/min/1.73m2	
eGFR AFRICAN AMERICAN	113		> OR = 60 mL/min/1.73m2	
<b>BUN/CREATININE RATIO</b>		27 H	6-22 (calc)	
SODIUM	141		135-146 mmol/L	
POTASSIUM	4.6		3.5-5.3 mmol/L	
CHLORIDE	107		98-110 mmol/L	
CARBON DIOXIDE	27		20-31 mmol/L	
CALCIUM	9.3		8.6-10.3 mg/dL	
PROTEIN, TOTAL	6.4		6.1-8.1 g/dL	
ALBUMIN	4.3		3.6-5.1 g/dL	
GLOBULIN	2.1		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	2.0		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.3		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	49		40-115 U/L	
AST	23		10-40 U/L	
ALT	24		9-46 U/L	
TSH	2.58		0.40-4.50 mIU/L	RGA
T4, FREE	0.9		0.8-1.8 ng/dL	RGA
T3, FREE	2.6		2.3-4.2 pg/mL	RGA
<b>CBC (INCLUDES DIFF/PLT)</b>				
WHITE BLOOD CELL COUNT	4.6		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	4.90		4.20-5.80 Million/uL	
HEMOGLOBIN	15.3		13.2-17.1 g/dL	
HEMATOCRIT	45.4		38.5-50.0 %	
MCV	92.6		80.0-100.0 fL	
MCH	31.1		27.0-33.0 pg	
MCHC	33.6		32.0-36.0 g/dL	
RDW	12.5		11.0-15.0 %	
PLATELET COUNT	179		140-400 Thousand/uL	
MPV	8.9		7.5-11.5 fL	

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Test Name	In Range	Out Of Range	Reference Range	Lab
ABSOLUTE NEUTROPHILS	2843		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	1159		850-3900 cells/uL	
ABSOLUTE MONOCYTES	506		200-950 cells/uL	
ABSOLUTE EOSINOPHILS	69		15-500 cells/uL	
ABSOLUTE BASOPHILS	23		0-200 cells/uL	
NEUTROPHILS	61.8		%	
LYMPHOCYTES	25.2		%	
MONOCYTES	11.0		%	
EOSINOPHILS	1.5		%	
BASOPHILS	0.5		%	
DHEA SULFATE	298		106-464 mcg/dL	IG
CORTISOL, TOTAL	18.2		mcg/dL	RGA

Reference Range: For 8 a.m.(7-9 a.m.) Specimen: 4.0-22.0

Reference Range: For 4 p.m.(3-5 p.m.) Specimen: 3.0-17.0

\* Please interpret above results accordingly \*

ESTRADIOL	28		< OR = 39 pg/mL	RGA
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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, LC/MS/MS 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.

PSA, TOTAL	0.6		< OR = 4.0 ng/mL	RGA
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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)				SLI
AND TOTAL (LC/MS/MS)				
TESTOSTERONE, TOTAL, LC/MS/MS	917		250-1100 ng/dL	
FREE TESTOSTERONE		242.9 H	35.0-155.0 pg/mL	

#### PERFORMING SITE:

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SLI QUEST DIAGNOSTICS NICHOLS VALENCIA, 27027 TOURNEY ROAD, VALENCIA, CA 91355-5386 Laboratory Director: BASEL KASHLAN,MD,FCAP, CLIA: 05D0550302