Quest Diagnostics

Report Status: Final

Patient Information	Specimen Information	Client Information
DOB: **AGE:** Gender: Fasting: Phone: Patient ID: Health ID:	Specimen: Requisition: Lab Ref #: Collected: Received: Reported:	REQUEST A TEST - PWN HEALTH 7027 MILL RD STE 201 BRECKSVILLE, OH 44141-1852

COMMENTS: FASTING

Test Name	In Range	Out Of Range	Reference Range	Lab
TESTOSTERONE, FREE				
TESTOSTERONE, FREE	177.2		46.0-224.0 pg/mL	SLI
This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. 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.				
LIPID PANEL, STANDARD				
CHOLESTEROL, TOTAL	140		<200 mg/dL	EN
HDL CHOLESTEROL	48		> OR = 40 mg/dL	EN
TRIGLYCERIDES	82		<150 mg/dL	EN
LDL-CHOLESTEROL	76		mg/dL (calc)	EN
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/HDLC RATIO	2.9		<5.0 (calc)	EN
NON HDL CHOLESTEROL	92		<130 mg/dL (calc)	EN
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.				
CBC (INCLUDES DIFF/PLT)				EN
WHITE BLOOD CELL COUNT	10.6		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	5.63		4.20-5.80 Million/uL	
HEMOGLOBIN	16.5		13.2-17.1 g/dL	
HEMATOCRIT	49.7		38.5-50.0 %	
MCV	88.3		80.0-100.0 fL	
MCH	29.3		27.0-33.0 pg	
MCHC	33.2		32.0-36.0 g/dL	
RDW	13.4		11.0-15.0 %	
PLATELET COUNT	292		140-400 Thousand/uL	
MPV	11.4		7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	6498		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	2894		850-3900 cells/uL	
ABSOLUTE MONOCYTES	657		200-950 cells/uL	
ABSOLUTE EOSINOPHILS	115		15-500 cells/uL	
ABSOLUTE BASOPHILS	42		0-200 cells/uL	
NEUTROPHILS	61.3		%	
LYMPHOCYTES	27.3		%	
MONOCYTES	6.2		%	
EOSINOPHILS	4.8		%	
BASOPHILS	0.4		%	

CLIENT SERVICES: SPECIMEN:

Quest Diagnostics

Report Status: Final

Patient Information	Specimen Information	Client Information
DOB: **AGE:** Gender: Fasting: Patient ID: Health ID:	Specimen: Collected: Received: Reported:	

Test Name	In Range	Out Of Range	Reference Range	Lab
TESTOSTERONE, TOTAL, MALES (ADULT), IA	597		250-827 ng/dL	EN
ESTRADIOL	35		< OR = 39 pg/mL	EN

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, LCMSMS 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	0.87		< OR = 4.00 ng/mL	EN

The total PSA value from this assay system is standardized against the WHO standard. The test result will be approximately 20% lower when compared to the equimolar-standardized total PSA (Beckman Coulter). Comparison of serial PSA results should be interpreted with this fact in mind.

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.

PERFORMING SITE:

EN QUEST DIAGNOSTICS-WEST HILLS, 8401 FALLBROOK AVENUE, WEST HILLS, CA 91304-3226 Laboratory Director: TAB TOOCHINDA,MD, CLIA: 05D0642827
SLI QUEST DIAGNOSTICS NICHOLS VALENCIA, 27027 TOURNEY ROAD, VALENCIA, CA 91355-5386 Laboratory Director: THOMAS MCDONALD,MD, CLIA: 05D0550302