Quest Diagnostics

Report Status: Final

Doe, Jane

Patient Information	Specimen Information	Client Information
[redacted] DOB: [redacted] AGE: [redacted] Gender: F Fasting: N Phone: [redacted] Patient ID: [redacted] Health ID: [redacted]	Specimen: TM225136E Requisition: 0000002 Collected: 09/18/2018 / 11:15 EDT Received: 09/19/2018 / 02:52 EDT Reported: 09/22/2018 / 10:21 EDT	Client #: [redacted] [redacted]

COMMENTS: FASTING:NO

Test Name	In Range	Out Of Range	Reference Range	Lab
CBC (INCLUDES DIFF/PLT)				TP
WHITE BLOOD CELL COUNT	5.6		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	4.47		3.80-5.10 Million/uL	
HEMOGLOBIN	13.1		11.7-15.5 g/dL	
HEMATOCRIT	38.8		35.0-45.0 %	
MCV	86.8		80.0-100.0 fL	
MCH	29.3		27.0-33.0 pg	
MCHC	33.8		32.0-36.0 g/dL	
RDW	12.8		11.0-15.0 %	
PLATELET COUNT	236		140-400 Thousand/uL	
MPV	10.4		7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	3237		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	1842		850-3900 cells/uL	
ABSOLUTE MONOCYTES	493		200-950 cells/uL	
ABSOLUTE EOSINOPHILS		0 L	15-500 cells/uL	
ABSOLUTE BASOPHILS	28		0-200 cells/uL	
NEUTROPHILS	57.8		%	
LYMPHOCYTES	32.9		%	
MONOCYTES	8.8		%	
EOSINOPHILS	0.0		%	
BASOPHILS	0.5		%	
PROGESTERONE	1.8		ng/mL	TP
			Reference Ranges	
			Female	
			Follicular Phase < 1.0	
			Luteal Phase 2.6-21.5	
			Post menopausal < 0.5	
			Pregnancy	
			1st Trimester 4.1-34.0	
			2nd Trimester 24.0-76.0	
			3rd Trimester 52.0-302.0	
ESTRADIOL	150		pg/mL	TP
			Reference Range	
			Follicular Phase: 19-144	
			Mid-Cycle: 64-357	
			Luteal Phase: 56-214	
			Postmenopausal: < or = 31	

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

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Test Name	In Range	Out Of Range	Reference Range	Lab
inappropriate clinical assessment of estrogen status. Quest Diagnostics order code 30289-Estradiol, Ultrasensitive LC/MS/MS demonstrates negligible cross reactivity with fulvestrant.				
TESTOSTERONE, FREE (DIALYSIS) AND TOTAL,MS				AMD
TESTOSTERONE, TOTAL, MS		114 H	2-45 ng/dL	

For additional information, please refer to http://education.questdiagnostics.com/faq/TotalTestosteroneLCMSMSFAQ165 (This link is being provided for informational/educational purposes only.)

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute Chantilly, VA. It has not been cleared or approved by the U.S. Food and Drug Administration. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

TESTOSTERONE, FREE		14.5 H	0.1-6.4 pg/mL	

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PERFORMING SITE:

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