

Quest Diagnostics Incorporated



Report Status: Final

Patient Information	Specimen Information	Client Information
	Specimen: AL975458M	(
	Requisition: 0021302	(
		(
	Collected: 07/23/2013 / 08:06 EDT	3
	Received: 07/24/2013 / 03:25 EDT	A
	Reported: 07/30/2013 / 14:19 EDT	

Test Name	In Range	Out Of Range	Reference Range	Lab
VITAMIN D, 25-HYDROXY, LC/MS/MS				SLI
VITAMIN D, 25-OH, TOTAL	37	<i>Boz</i>	30-100 ng/mL	
25-OHD3 indicates both endogenous production and supplementation. 25-OHD2 is an indicator of exogenous sources, such as diet or supplementation. Therapy is based on measurement of Total 25-OHD, with levels <20 ng/mL indicative of Vitamin D deficiency, while levels between 20 ng/mL and 30 ng/mL suggest insufficiency. Optimal levels are > or = 30 ng/mL.				
VITAMIN D, 25-OH, D3	37		See Below ng/mL	
Reference Range: Not established				
VITAMIN D, 25-OH, D2	<4		See Below ng/mL	
Reference Range: Not established				
ESTRONE, LC/MS/MS	60		< OR = 68 pg/mL	EZ
PREGNENOLONE, LC/MS/MS		408 H	13-208 ng/dL	EZ
RESULTS CONFIRMED BY REPEAT ANALYSIS.				
VITAMIN B12		1447 H	200-1100 pg/mL	AT
CORTISOL, TOTAL	15.0		mcg/dL	AT
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 *				
DHEA SULFATE	236		45-345 mcg/dL	AT
FSH		<0.7 L	1.6-8.0 mIU/mL	AT
LH		<0.2 L	1.5-9.3 mIU/mL	AT
ESTRADIOL	29		< OR = 39 pg/mL	AT
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).				
TESTOSTERONE, FREE AND TOTAL, LC/MS/MS				SLI
TESTOSTERONE, TOTAL, LC/MS/MS	542		250-1100 ng/dL	
FREE TESTOSTERONE		164.1 H	35.0-155.0 pg/mL	

PERFORMING SITE:

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