Patient Information	Specimen Information	Client Information

COMMENTS: FASTING:NO

Test Name	In Range	Out Of Range	Reference Range	Lab
THYROID PANEL WITH TSH				
THYROID PANEL				MI
T3 UPTAKE	23		22-35 %	
T4 (THYROXINE), TOTAL	9.5		5.1-11.9 mcg/dL	
FREE T4 INDEX (T7)	2.2		1.4-3.8	
TSH	2.51		mIU/L	MI
			Reference Range	
			> or = 20 Years 0.40-4.50	
			Pregnancy Ranges	
			First trimester 0.26-2.66	
			Second trimester 0.55-2.73	
			Third trimester 0.43-2.91	
T4, FREE	1.1		0.8-1.8 ng/dL	MI
T3, FREE	3.0		2.3-4.2 pg/mL	MI
T3, TOTAL	105		76-181 ng/dL	MI
T3 REVERSE, LC/MS/MS	18		8-25 ng/dL	AMD

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.

THYROGLOBULIN ANTIBODIES	<1		< or = 1 IU/mL	MI
THYROID PEROXIDASE				MI
ANTIBODIES	1		<9 IU/mL	
TSI (THYROID STIMULATING				EZ
IMMUNOGLOBULIN)				
TSI	<89		<140 % baseline	

Thyroid stimulating immunoglobulins (TSI) can engage the TSH receptors resulting in hyperthyroidism in Graves' disease patients. TSI levels can be useful in monitoring the clinical outcome of Graves' disease as well as assessing the potential for hyperthyroidism from maternal-fetal transfer. TSI results greater than or equal to (>=) 140% of the Reference Control are considered positive.

NOTE: A serum TSH level greater than 350 micro-International Units/mL can interfere with the TSI bioassay and potentially give false positive results.

Patients who are pregnant and are suspected of having hyperthyroidism should have both TSI and human Chorionic Gonadotropin (hCG) tests measured. A serum hCG level greater than 40,625 mIU/mL can interfere with the TSI bioassay and may give false negative results. In these patients it is

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recommended that a second TSI be obtained when the hCG concentration falls below 40,625 mIU/mL (usually after approximately 20-weeks gestation).				
The analytical performance characteristics of this assay have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. The modifications have not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.				
TBG (THYROXINE BINDING GLOBULIN)				AMD
TBG		**32.0 H**	13.5-30.9 mcg/mL	
To convert to nmol/L, multiply the result by 18.5.				

PERFORMING SITE:

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