



Patient Information	Specimen Information	Client Information
DOB: AGE: Gender: Phone: Patient ID:	Specimen: Requisition: Lab Ref #: Collected: Received: Reported:	

COMMENTS:

Test Name	In Range	Out Of Range	Reference Range	Lab
THYROID PANEL WITH TSH				
THYROID PANEL				
T3 UPTAKE	28		22-35 %	
T4 (THYROXINE), TOTAL	9.7		4.5-12.0 mcg/dL	
FREE T4 INDEX (T7)	2.7		1.4-3.8	
TSH	1.30		mIU/L	

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

LIPID PANEL

CHOLESTEROL, TOTAL	129		<200 mg/dL
HDL CHOLESTEROL	51		>50 mg/dL
TRIGLYCERIDES	55		<150 mg/dL
LDL-CHOLESTEROL	64		mg/dL (calc)

Reference range: <100

Desirable range <100 mg/dL for patients with CHD or diabetes and <70 mg/dL for diabetic patients with known heart disease.

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/HDL-C RATIO	2.5		<5.0 (calc)
NON HDL CHOLESTEROL	78		<130 mg/dL (calc)

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.

HS CRP	1.3		mg/L
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Average relative cardiovascular risk according to AHA/CDC guidelines.

For ages >17 Years:

hs-CRP mg/L Risk According to AHA/CDC Guidelines
 <1.0 Lower relative cardiovascular risk.
 1.0-3.0 Average relative cardiovascular risk.
 3.1-10.0 Higher relative cardiovascular risk.
 Consider retesting in 1 to 2 weeks to exclude a benign transient elevation in the baseline CRP value secondary



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>10.0	to infection or inflammation. Persistent elevation, upon retesting, may be associated with infection and inflammation.			

COMPREHENSIVE METABOLIC PANEL				EN
GLUCOSE	87		65-99 mg/dL	

Fasting reference interval

UREA NITROGEN (BUN)	14		7-25 mg/dL	
CREATININE	0.69		0.50-1.10 mg/dL	
eGFR NON-AFR. AMERICAN	111		> OR = 60 mL/min/1.73m2	
eGFR AFRICAN AMERICAN	129		> OR = 60 mL/min/1.73m2	
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	
SODIUM	141		135-146 mmol/L	
POTASSIUM	4.3		3.5-5.3 mmol/L	
CHLORIDE	108		98-110 mmol/L	
CARBON DIOXIDE	26		20-31 mmol/L	
CALCIUM	9.5		8.6-10.2 mg/dL	
PROTEIN, TOTAL	7.1		6.1-8.1 g/dL	
ALBUMIN	4.4		3.6-5.1 g/dL	
GLOBULIN	2.7		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	1.6		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.6		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	63		33-115 U/L	
AST	26		10-30 U/L	
ALT	30		6-29 U/L	
CBC (INCLUDES DIFF/PLT)				EN
WHITE BLOOD CELL COUNT	4.4		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	4.54		3.80-5.10 Million/uL	
HEMOGLOBIN	13.8		11.7-15.5 g/dL	
HEMATOCRIT	40.3		35.0-45.0 %	
MCV	88.8		80.0-100.0 fL	
MCH	30.4		27.0-33.0 pg	
MCHC	34.2		32.0-36.0 g/dL	
RDW	12.8		11.0-15.0 %	
PLATELET COUNT	234		140-400 Thousand/uL	
MPV	12.3		7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	2763		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	1109		850-3900 cells/uL	
ABSOLUTE MONOCYTES	339		200-950 cells/uL	
ABSOLUTE EOSINOPHILS	158		15-500 cells/uL	
ABSOLUTE BASOPHILS	31		0-200 cells/uL	
ABSOLUTE NUCLEATED RBC	0		0 cells/uL	
NEUTROPHILS	62.8		%	
LYMPHOCYTES	25.2		%	
MONOCYTES	7.7		%	
EOSINOPHILS	3.6		%	
BASOPHILS	0.7		%	
URINALYSIS, COMPLETE				EN
COLOR	YELLOW		YELLOW	
APPEARANCE	CLEAR		CLEAR	
SPECIFIC GRAVITY	1.027		1.001-1.035	
PH	6.0		5.0-8.0	



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GLUCOSE	NEGATIVE		NEGATIVE	
BILIRUBIN	NEGATIVE		NEGATIVE	
KETONES	NEGATIVE		NEGATIVE	
OCCULT BLOOD	NEGATIVE		NEGATIVE	
PROTEIN	NEGATIVE		NEGATIVE	
NITRITE	NEGATIVE		NEGATIVE	
LEUKOCYTE ESTERASE	NEGATIVE		NEGATIVE	
WBC	NONE SEEN		< OR = 5 /HPF	
RBC	0-2		< OR = 2 /HPF	
SQUAMOUS EPITHELIAL CELLS	0-5		< OR = 5 /HPF	
BACTERIA	NONE SEEN		NONE SEEN /HPF	
CALCIUM OXALATE CRYSTALS	FEW		NONE OR FEW /HPF	
HYALINE CAST	NONE SEEN		NONE SEEN /LPF	



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Endocrinology

Test Name	Result	Reference Range	Lab
VITAMIN D,25-OH,TOTAL,IA	50	30-100 ng/mL	
Vitamin D Status 25-OH Vitamin D: Deficiency: <20 ng/mL Insufficiency: 20 - 29 ng/mL Optimal: > or = 30 ng/mL For 25-OH Vitamin D testing on patients on D2-supplementation and patients for whom quantitation of D2 and D3 fractions is required, the QuestAssureD(TM) 25-OH VIT D, (D2,D3), LC/MS/MS is recommended; order code 92888 (patients >2yrs). For more information on this test, go to: http://education.questdiagnostics.com/faq/FAQ163 (This link is being provided for informational/educational purposes only.)			
Physician Comments:			