



Total Thyroid Sample Report

Patient Report

Specimen ID: 000-000-000-0
Control ID: B00000000

Acct #:

Phone:

Rte:

Sample, Patient



Patient Details

DOB:
Age(y/m/d):
Gender: SSN:
Patient ID:

Specimen Details

Date collected:
Date entered:
Date reported:

Physician Details

Ordering: D JOCKERS
Referring:
ID:
NPI:

General Comments & Additional Information

Alternate Control Number:
Total Volume: Not Provided

Alternate Patient ID: Not Provided
Fasting: Yes

Ordered Items

CBC With Differential/Platelet; Comp. Metabolic Panel (14); Urinalysis, Routine; Lipid Panel w/ Chol/HDL Ratio; Thyroid Panel With TSH; Iron and TIBC; Hemoglobin A1c; Thyroxine (T4) Free, Direct, S; Reverse T3, Serum; Vitamin D, 25-Hydroxy; C-Reactive Protein, Cardiac; Homocyst(e)ine, Plasma; Triiodothyronine (T3); Magnesium, Serum; Fibrinogen Activity; Ferritin, Serum; Thyroid Peroxidase (TPO) Ab; Triiodothyronine, Free, Serum; Thyroxine-Binding Globulin; Venipuncture

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
CBC With Differential/Platelet					
WBC	5.8		x10E3/uL	3.4 - 10.8	01
RBC	5.06		x10E6/uL	4.14 - 5.80	01
Hemoglobin	14.5		g/dL	12.6 - 17.7	01
Hematocrit	45.0		%	37.5 - 51.0	01
MCV	89		fL	79 - 97	01
MCH	28.7		pg	26.6 - 33.0	01
MCHC	32.2		g/dL	31.5 - 35.7	01
RDW	14.4		%	12.3 - 15.4	01
Platelets	233		x10E3/uL	150 - 379	01
Neutrophils	57		%		01
Lymphs	31		%		01
Monocytes	7		%		01
Eos	4		%		01
Basos	1		%		01
Neutrophils (Absolute)	3.3		x10E3/uL	1.4 - 7.0	01
Lymphs (Absolute)	1.8		x10E3/uL	0.7 - 3.1	01
Monocytes (Absolute)	0.4		x10E3/uL	0.1 - 0.9	01
Eos (Absolute)	0.2		x10E3/uL	0.0 - 0.4	01
Baso (Absolute)	0.0		x10E3/uL	0.0 - 0.2	01
Immature Granulocytes	0		%		01
Immature Grans (Abs)	0.0		x10E3/uL	0.0 - 0.1	01
Comp. Metabolic Panel (14)					
Glucose, Serum	105	High	mg/dL	65 - 99	01
BUN	11		mg/dL	6 - 24	01
Creatinine, Serum	1.11		mg/dL	0.76 - 1.27	01
eGFR If NonAfricn Am	74		mL/min/1.73	>59	
eGFR If Africn Am	85		mL/min/1.73	>59	
BUN/Creatinine Ratio	10			9 - 20	
Sodium, Serum	142		mmol/L	134 - 144	01

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Potassium, Serum	4.6		mmol/L	3.5 - 5.2	01
Chloride, Serum	101		mmol/L	97 - 108	01
Carbon Dioxide, Total	26		mmol/L	18 - 29	01
Calcium, Serum	9.6		mg/dL	8.7 - 10.2	01
Protein, Total, Serum	6.8		g/dL	6.0 - 8.5	01
Albumin, Serum	4.6		g/dL	3.5 - 5.5	01
Globulin, Total	2.2		g/dL	1.5 - 4.5	
A/G Ratio	2.1			1.1 - 2.5	
Bilirubin, Total	0.6		mg/dL	0.0 - 1.2	01
Alkaline Phosphatase, S	73		IU/L	39 - 117	01
AST (SGOT)	26		IU/L	0 - 40	01
ALT (SGPT)	24		IU/L	0 - 44	01

Urinalysis, Routine

Urinalysis Gross Exam					01
Specific Gravity	1.023			1.005 - 1.030	01
pH	6.0			5.0 - 7.5	01
Urine-Color	Yellow			Yellow	01
Appearance	Clear			Clear	01
WBC Esterase	Negative			Negative	01
Protein	Negative			Negative/Trace	01
Glucose	Negative			Negative	01
Ketones	Negative			Negative	01
Occult Blood	Negative			Negative	01
Bilirubin	Negative			Negative	01
Urobilinogen, Semi-Qn	0.2		mg/dL	0.0 - 1.9	01
Nitrite, Urine	Negative			Negative	01
Microscopic Examination					01
Microscopic not indicated and not performed.					

Lipid Panel w/ Chol/HDL Ratio

Cholesterol, Total	235	High	mg/dL	100 - 199	01
Triglycerides	83		mg/dL	0 - 149	01
HDL Cholesterol	63		mg/dL	>39	01
Comment					01
According to ATP-III Guidelines, HDL-C >59 mg/dL is considered a negative risk factor for CHD.					
VLDL Cholesterol Cal	17		mg/dL	5 - 40	
LDL Cholesterol Calc	137	High	mg/dL	0 - 99	
T. Chol/HDL Ratio	3.6		ratio units	0.0 - 5.0	
Please Note:					01

		T. Chol/HDL Ratio	
		Men	Women
1/2 Avg.Risk	3.4	3.3	
Avg.Risk	5.0	4.4	
2X Avg.Risk	9.6	7.1	
3X Avg.Risk	23.4	11.0	

Thyroid Panel With TSH

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TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
TSH	1.140		uIU/mL	0.450 - 4.500	01
Thyroxine (T4)	8.0		ug/dL	4.5 - 12.0	01
T3 Uptake	30		%	24 - 39	01
Free Thyroxine Index	2.4			1.2 - 4.9	
Iron and TIBC					
Iron Bind.Cap. (TIBC)	243	Low	ug/dL	250 - 450	
UIBC	159		ug/dL	150 - 375	01
Iron, Serum	90		ug/dL	40 - 155	01
Iron Saturation	36		%	15 - 55	
Hemoglobin A1c	5.6		%	4.8 - 5.6	01
	Increased risk for diabetes: 5.7 - 6.4				
	Diabetes: >6.4				
	Glycemic control for adults with diabetes: <7.0				
Thyroxine (T4) Free, Direct, S					
T4, Free (Direct)	1.37		ng/dL	0.82 - 1.77	01
Reverse T3, Serum	15.5		ng/dL	9.2 - 24.1	02
Vitamin D, 25-Hydroxy	65.3		ng/mL	30.0 - 100.0	01
	Vitamin D deficiency has been defined by the Institute of Medicine and an Endocrine Society practice guideline as a level of serum 25-OH vitamin D less than 20 ng/mL (1,2). The Endocrine Society went on to further define vitamin D insufficiency as a level between 21 and 29 ng/mL (2).				
	1. IOM (Institute of Medicine). 2010. Dietary reference intakes for calcium and D. Washington DC: The National Academies Press.				
	2. Holick MF, Binkley NC, Bischoff-Ferrari HA, et al. Evaluation, treatment, and prevention of vitamin D deficiency: an Endocrine Society clinical practice guideline. JCEM. 2011 Jul; 96(7):1911-30.				
C-Reactive Protein, Cardiac	0.58		mg/L	0.00 - 3.00	01
	Relative Risk for Future Cardiovascular Event				
			Low	<1.00	
			Average	1.00 - 3.00	
			High	>3.00	
Homocyst(e)ine, Plasma	11.5		umol/L	0.0 - 15.0	01
Triiodothyronine (T3)	98		ng/dL	71 - 180	01
Magnesium, Serum	2.0		mg/dL	1.6 - 2.6	01
Fibrinogen Activity	307		mg/dL	193 - 507	01
Ferritin, Serum	350		ng/mL	30 - 400	01



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Thyroid Peroxidase (TPO) Ab	6		IU/mL	0 - 34	01
Triiodothyronine, Free, Serum	2.6		pg/mL	2.0 - 4.4	01
Thyroxine-Binding Globulin (TBG)	23		ug/mL	13 - 39	
01 MB	LabCorp Birmingham 1801 First Avenue South, Birmingham, AL 35233-1935		John Elgin, MD		
02 BN	LabCorp Burlington 1447 York Court, Burlington, NC 27215-3361		William F Hancock, MD		

For inquiries, the physician may contact Branch: 800-597-8026 Lab: 205-581-3500