



Patient Information	Specimen Information	Client Information
<b>SINHA, JYOTI</b>  <b>DOB: 07/25/1995    AGE: 25</b> Gender: F Phone: 993.119.3434 Patient ID: 234831	Specimen: PG427253G Requisition: 3395170 Lab Ref #: 828453  Collected: 09/15/2020 / 11:25 EDT Received: 09/16/2020 / 04:56 EDT Reported: 09/16/2020 / 16:16 EDT	Client #: 69717003    MAIL992 BOWEN, KIM SUNY BUFFALO STUDENT HEALTH Attn: MICHAEL HALL 3435 MAIN ST BUFFALO, NY 14214-3001

Test Name	In Range	Out Of Range	Reference Range	Lab
IRON, TIBC AND FERRITIN PANEL				
IRON AND TOTAL IRON				QPT
BINDING CAPACITY				
IRON, TOTAL	44		40-190 mcg/dL	
<b>IRON BINDING CAPACITY</b>		<b>494 H</b>	250-450 mcg/dL (calc)	
<b>% SATURATION</b>		<b>9 L</b>	16-45 % (calc)	
<b>FERRITIN</b>		<b>2 L</b>	16-154 ng/mL	QPT
LIPID PANEL, STANDARD				
CHOLESTEROL, TOTAL	176		<200 mg/dL	QPT
HDL CHOLESTEROL	64		> OR = 50 mg/dL	QPT
TRIGLYCERIDES	76		<150 mg/dL	QPT
LDL-CHOLESTEROL	95		mg/dL (calc)	QPT
Reference range: <100				
Desirable range <100 mg/dL for primary prevention; <70 mg/dL for patients with CHD or diabetic patients with > or = 2 CHD risk factors.				
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	2.8		<5.0 (calc)	QPT
NON HDL CHOLESTEROL	112		<130 mg/dL (calc)	QPT
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.				
COMPREHENSIVE METABOLIC PANEL				QPT
<b>GLUCOSE</b>		<b>107 H</b>	65-99 mg/dL	
Fasting reference interval				
For someone without known diabetes, a glucose value between 100 and 125 mg/dL is consistent with prediabetes and should be confirmed with a follow-up test.				
UREA NITROGEN (BUN)	9		7-25 mg/dL	
CREATININE	0.71		0.50-1.10 mg/dL	
eGFR NON-AFR. AMERICAN	118		> OR = 60 mL/min/1.73m2	
eGFR AFRICAN AMERICAN	137		> OR = 60 mL/min/1.73m2	
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	
SODIUM	138		135-146 mmol/L	
POTASSIUM	3.7		3.5-5.3 mmol/L	
CHLORIDE	103		98-110 mmol/L	
CARBON DIOXIDE	26		20-32 mmol/L	
CALCIUM	9.7		8.6-10.2 mg/dL	
PROTEIN, TOTAL	7.5		6.1-8.1 g/dL	
ALBUMIN	4.6		3.6-5.1 g/dL	



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Test Name	In Range	Out Of Range	Reference Range	Lab
GLOBALIN	2.9		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	52		31-125 U/L	
AST	15		10-30 U/L	
ALT	11		6-29 U/L	
TSH	2.41		mIU/L	QPT
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 (THYROXINE), TOTAL	7.8		5.1-11.9 mcg/dL	QPT
FREE T4 INDEX (T7)	2.3		1.4-3.8	
T4, FREE	1.1		0.8-1.8 ng/dL	QPT
T3, TOTAL	94		76-181 ng/dL	QPT
T3 UPTAKE	29		22-35 %	QPT
THYROID PEROXIDASE AND THYROGLOBULIN ANTIBODIES				
THYROGLOBULIN ANTIBODIES	36 H		< or = 1 IU/mL	QPT
THYROID PEROXIDASE ANTIBODIES	296 H		<9 IU/mL	QPT
CBC (H/H, RBC, INDICES, WBC, PLT)				
WHITE BLOOD CELL COUNT	6.3		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	4.80		3.80-5.10 Million/uL	
HEMOGLOBIN	12.5		11.7-15.5 g/dL	
HEMATOCRIT	39.7		35.0-45.0 %	
MCV	82.7		80.0-100.0 fL	
MCH		26.0 L	27.0-33.0 pg	
MCHC		31.5 L	32.0-36.0 g/dL	
RDW	13.1		11.0-15.0 %	
PLATELET COUNT	317		140-400 Thousand/uL	
MPV	11.0		7.5-12.5 fL	

**PENDING TESTS:**

T3 REVERSE, LC/MS/MS

**PERFORMING SITE:**

QPT QUEST DIAGNOSTICS-PITTSBURGH, 875 GREENTREE ROAD 4 PARKWAY CENTER, PITTSBURGH, PA 15220-3610 Laboratory Director: KAMBIZ MERATI,MD, CLIA: 39D0656976