

Patient Information	Specimen Information	Client Information
SHETA, HENILKUMAR DOB: 06/17/1999 AGE: 18 Gender: M Fasting: U Phone: NG Patient ID: NG	Specimen: AL565094P Requisition: 1919003 Collected: 02/28/2018 / 10:15 CST Received: 03/01/2018 / 02:26 CST Reported: 03/03/2018 / 04:21 CST	Client #: 49100638 QATL0000 TUCK, PAMELA P AUM NURSING CARE CENTER 7461 EAST DRIVE #102 MONTGOMERY, AL 36117

Test Name	In Range	Out Of Range	Reference Range	Lab
COMPREHENSIVE METABOLIC PANEL				AT
GLUCOSE	94		65-99 mg/dL	
			Fasting reference interval	
UREA NITROGEN (BUN)	10		7-20 mg/dL	
CREATININE	1.12		0.60-1.26 mg/dL	
eGFR NON-AFR. AMERICAN	95		> OR = 60 mL/min/1.73m2	
eGFR AFRICAN AMERICAN	111		> OR = 60 mL/min/1.73m2	
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	
SODIUM	146		135-146 mmol/L	
POTASSIUM	4.8		3.8-5.1 mmol/L	
CHLORIDE	109		98-110 mmol/L	
CARBON DIOXIDE		16 L	20-31 mmol/L	
CALCIUM	9.1		8.9-10.4 mg/dL	
PROTEIN, TOTAL	6.8		6.3-8.2 g/dL	
ALBUMIN	4.1		3.6-5.1 g/dL	
GLOBULIN	2.7		2.1-3.5 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	1.5		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.3		0.2-1.1 mg/dL	
ALKALINE PHOSPHATASE	52		48-230 U/L	
AST	13		12-32 U/L	
ALT	9		8-46 U/L	
HEMOGLOBIN A1c		7.7 H	<5.7 % of total Hgb	AT
For someone without known diabetes, a hemoglobin A1c value of 6.5% or greater indicates that they may have diabetes and this should be confirmed with a follow-up test. For someone with known diabetes, a value <7% indicates that their diabetes is well controlled and a value greater than or equal to 7% indicates suboptimal control. A1c targets should be individualized based on duration of diabetes, age, comorbid conditions, and other considerations. Currently, no consensus exists regarding use of hemoglobin A1c for diagnosis of diabetes for children.				
TSH W/REFLEX TO FT4	1.42		0.50-4.30 mIU/L	AT
CBC (INCLUDES DIFF/PLT)				AT
WHITE BLOOD CELL COUNT	8.3		4.5-13.0 Thousand/uL	
RED BLOOD CELL COUNT	5.32		4.10-5.70 Million/uL	
HEMOGLOBIN	15.1		12.0-16.9 g/dL	
HEMATOCRIT	44.6		36.0-49.0 %	
MCV	83.8		78.0-98.0 fL	
MCH	28.4		25.0-35.0 pg	
MCHC	33.9		31.0-36.0 g/dL	
RDW	12.9		11.0-15.0 %	
PLATELET COUNT	273		140-400 Thousand/uL	
MPV	10.5		7.5-12.5 fL	

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Test Name	In Range	Out Of Range	Reference Range	Lab
DIFFERENTIAL, MANUAL				AT
ABSOLUTE NEUTROPHILS		1577 L	1800-8000 cells/uL	
ABSOLUTE BAND NEUTROPHILS	249		0-750 cells/uL	
ABSOLUTE LYMPHOCYTES	2241		1200-5200 cells/uL	
ABSOLUTE REACTIVE LYMPHOCYTES		332 H	0 cells/uL	
ABSOLUTE MONOCYTES	747		200-900 cells/uL	
ABSOLUTE EOSINOPHILS		3071 H	15-500 cells/uL	
ABSOLUTE BASOPHILS	83		0-200 cells/uL	
NEUTROPHILS	19.0		%	
BAND NEUTROPHILS	3.0		%	
LYMPHOCYTES	27.0		%	
REACTIVE LYMPHOCYTES	4.0		0-10 %	
MONOCYTES	9.0		%	
EOSINOPHILS	37.0		%	
BASOPHILS	1.0		%	

Although an "automated CBC" was ordered, our instrumentation detected an abnormality on your patient's specimen requiring us to perform a manual review.

PERFORMING SITE:

AT QUEST DIAGNOSTICS-ATLANTA, 1777 MONTREAL CIRCLE, TUCKER, GA 30084-6802 Laboratory Director: ANDREW N YOUNG, MD, PHD, CLIA: 11D0255931

LIST OF RESULTS PRINTED IN THE OUT OF RANGE COLUMN:

CARBON DIOXIDE	16 L	20-31 mmol/L	AT
HEMOGLOBIN A1c	7.7 H	<5.7 % of total Hgb	AT

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ABSOLUTE REACTIVE LYMPHOCYTES	332 H	0 cells/uL	AT
ABSOLUTE EOSINOPHILS	3071 H	15-500 cells/uL	AT