

DOWDY III,GEORGE L

DOB: 10/18/1945 Age: 78 Specimen: TZ483627Q
 Sex: M Fasting: Requisition: 0015610
 Phone: (407) 739-6491 Lab Reference ID: 103379507Q
 Patient ID: E2530029 Report Status: FINAL / SEE REPORT

Collected: 07/15/2024 11:20 Client #: 66002344
 Received: 07/15/2024 11:21 WHITESIDE,AMAPOLA
 Reported: 07/17/2024 02:18 CENTRAL FLORIDA KIDNEY
 SPECIALISTS
 1552 BOREN DR STE 200
 OCOEE, FL 34761-4216
 Phone: (407) 905-8172
 Fax: (407) 905-8878

▲ COMPREHENSIVE METABOLIC PANEL

Analyte	Value	
▲ GLUCOSE Fasting reference interval	59 L	Reference Range: 65-99 mg/dL
UREA NITROGEN (BUN)	14	Reference Range: 7-25 mg/dL
CREATININE	1.11	Reference Range: 0.70-1.28 mg/dL
EGFR	68	Reference Range: > OR = 60 mL/min/1.73m2
BUN/CREATININE RATIO Not Reported: BUN and Creatinine are within reference range.	SEE NOTE:	Reference Range: 6-22 (calc)
SODIUM	141	Reference Range: 135-146 mmol/L
POTASSIUM	4.0	Reference Range: 3.5-5.3 mmol/L
CHLORIDE	103	Reference Range: 98-110 mmol/L
CARBON DIOXIDE	25	Reference Range: 20-32 mmol/L
CALCIUM	9.8	Reference Range: 8.6-10.3 mg/dL
PROTEIN, TOTAL	7.3	Reference Range: 6.1-8.1 g/dL
ALBUMIN	4.6	Reference Range: 3.6-5.1 g/dL
GLOBULIN	2.7	Reference Range: 1.9-3.7 g/dL (calc)
ALBUMIN/GLOBULIN RATIO	1.7	Reference Range: 1.0-2.5 (calc)
BILIRUBIN, TOTAL	0.8	Reference Range: 0.2-1.2 mg/dL
ALKALINE PHOSPHATASE	40	Reference Range: 35-144 U/L
AST	28	Reference Range: 10-35 U/L
ALT	29	Reference Range: 9-46 U/L

▲ HEMOGLOBIN A1c

Analyte	Value
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▲ HEMOGLOBIN A1c**5.7 H** Reference Range: <5.7 % of total Hgb

For someone without known diabetes, a hemoglobin A1c value between 5.7% and 6.4% is consistent with prediabetes and should be confirmed with a follow-up test.

For someone with known diabetes, a value <7% indicates that their diabetes is well controlled. A1c targets should be individualized based on duration of diabetes, age, comorbid conditions, and other considerations.

This assay result is consistent with an increased risk of diabetes.

Currently, no consensus exists regarding use of hemoglobin A1c for diagnosis of diabetes for children.

COMMENT

This test was performed on the Roche cobas c503 platform. Effective 11/6/23, a change in test platforms from the Abbott Architect to the Roche cobas c503 may have shifted HbA1c results compared to historical results. Based on laboratory validation testing conducted at Quest, the Roche platform relative to the Abbott platform had an average increase in HbA1c value of < or = 0.3%. This difference is within accepted variability established by the National Glycohemoglobin Standardization Program. Note that not all individuals will have had a shift in their results and direct comparisons between historical and current results for testing conducted on different platforms is not recommended.

▲ CBC (INCLUDES DIFF/PLT)

Analyte	Value	
WHITE BLOOD CELL COUNT	7.6	Reference Range: 3.8-10.8 Thousand/uL
RED BLOOD CELL COUNT	5.39	Reference Range: 4.20-5.80 Million/uL
HEMOGLOBIN	15.1	Reference Range: 13.2-17.1 g/dL
HEMATOCRIT	48.4	Reference Range: 38.5-50.0 %
MCV	89.8	Reference Range: 80.0-100.0 fL
MCH	28.0	Reference Range: 27.0-33.0 pg
▲ MCHC	31.2 L	Reference Range: 32.0-36.0 g/dL
RDW	13.7	Reference Range: 11.0-15.0 %
PLATELET COUNT	291	Reference Range: 140-400 Thousand/uL
MPV	8.7	Reference Range: 7.5-12.5 fL
ABSOLUTE NEUTROPHILS	4074	Reference Range: 1500-7800 cells/uL
ABSOLUTE LYMPHOCYTES	2455	Reference Range: 850-3900 cells/uL
ABSOLUTE MONOCYTES	813	Reference Range: 200-950 cells/uL
ABSOLUTE EOSINOPHILS	167	Reference Range: 15-500 cells/uL
ABSOLUTE BASOPHILS	91	Reference Range: 0-200 cells/uL
NEUTROPHILS	53.6	%
LYMPHOCYTES	32.3	%
MONOCYTES	10.7	%
EOSINOPHILS	2.2	%

BASOPHILS 1.2 %

▲ URINALYSIS, COMPLETE W/REFLEX TO CULTURE

Analyte	Value	Reference Range
COLOR	YELLOW	Reference Range: YELLOW
APPEARANCE	CLEAR	Reference Range: CLEAR
SPECIFIC GRAVITY	1.016	Reference Range: 1.001-1.035
PH	7.0	Reference Range: 5.0-8.0
▲ GLUCOSE	3+	Reference Range: NEGATIVE
BILIRUBIN	NEGATIVE	Reference Range: NEGATIVE
KETONES	NEGATIVE	Reference Range: NEGATIVE
OCCULT BLOOD	NEGATIVE	Reference Range: NEGATIVE
PROTEIN	NEGATIVE	Reference Range: NEGATIVE
NITRITE	NEGATIVE	Reference Range: NEGATIVE
LEUKOCYTE ESTERASE	NEGATIVE	Reference Range: NEGATIVE
WBC	NONE SEEN	Reference Range: < OR = 5 /HPF
RBC	NONE SEEN	Reference Range: < OR = 2 /HPF
SQUAMOUS EPITHELIAL CELLS	NONE SEEN	Reference Range: < OR = 5 /HPF
BACTERIA	NONE SEEN	Reference Range: NONE SEEN /HPF
HYALINE CAST	NONE SEEN	Reference Range: NONE SEEN /LPF

NOTE

This urine was analyzed for the presence of WBC, RBC, bacteria, casts, and other formed elements. Only those elements seen were reported.

REFLEXIVE URINE CULTURE

Analyte	Value
REFLEXIVE URINE CULTURE	NO CULTURE INDICATED

VITAMIN D,25-OH,TOTAL,IA

Analyte	Value	Reference Range
VITAMIN D,25-OH,TOTAL,IA	82	Reference Range: 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).

COMMENT

See Note 1

Note 1

For additional information, please refer to <http://education.QuestDiagnostics.com/faq/FAQ199> (This link is being provided for informational/ educational purposes only.)

PTH, INTACT AND CALCIUM

Analyte			Value	
PARATHYROID HORMONE, INTACT			21	Reference Range: 16-77 pg/mL
Interpretive Guide	Intact PTH	Calcium		
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Normal Parathyroid	Normal	Normal		
Hypoparathyroidism	Low or Low Normal	Low		
Hyperparathyroidism				
Primary	Normal or High	High		
Secondary	High	Normal or Low		
Tertiary	High	High		
Non-Parathyroid				
Hypercalcemia	Low or Low Normal	High		

CALCIUM	9.8	Reference Range: 8.6-10.3 mg/dL
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ALBUMIN, RANDOM URINE W/CREATININE

Analyte			Value	
CREATININE, RANDOM URINE			56	Reference Range: 20-320 mg/dL
ALBUMIN, URINE			0.5	Reference Range: Reference Range mg/dL Not established mg/dL
ALBUMIN/CREATININE RATIO, RANDOM URINE			9	Reference Range: <30 mg/g creat
The ADA defines abnormalities in albumin excretion as follows:				
Albuminuria Category	Result (mg/g creatinine)			
Normal to Mildly increased	<30			
Moderately increased	30-299			
Severely increased	> OR = 300			
The ADA recommends that at least two of three specimens collected within a 3-6 month period be abnormal before considering a patient to be within a diagnostic category.				

PHOSPHATE (AS PHOSPHORUS)

Analyte			Value	
PHOSPHATE (AS PHOSPHORUS)			3.7	Reference Range: 2.1-4.3 mg/dL



PROTEIN, TOTAL W/CREAT, RANDOM URINE

Analyte			Value	
CREATININE, RANDOM URINE			56	Reference Range: 20-320 mg/dL
PROTEIN/CREATININE RATIO			125	Reference Range: 25-148 mg/g creat
PROTEIN/CREATININE RATIO			0.125	Reference Range: 0.025-0.148 mg/mg creat
PROTEIN, TOTAL, RANDOM UR			7	Reference Range: 5-25 mg/dL

Performing Sites

TP Quest Diagnostics-Tampa, 4225 E Fowler Ave, Tampa, FL 33617-2026 Laboratory Director: Weston H Rothrock MD

Key

 Priority Out of Range  Out of Range

These results have been sent to the person who ordered the tests. Your receipt of these results should not be viewed as medical advice and is not meant to replace discussion with your doctor or other healthcare professional.

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