

Patient Information		Specimen Information	Client Information
DOB:	AGE:	Specimen:	REQUEST A TEST - PWN HEALTH 707 MILL RD STE 201 BRECKSVILLE, OH 44141-1852
Gender:		Requisition:	
Phone:		Lab Ref#:	
PatientID:		Collected:	
		Received:	
		Reported:	

Test Name	In Range	Out Of Range	Reference Range	Lab
COMPREHENSIVE METABOLIC PANEL				AT
GLUCOSE	85		65-99 mg/dL Fasting reference interval	
UREA NITROGEN (BUN)	14		7-25 mg/dL	
CREATININE	1.17		0.60-1.26 mg/dL	
EGFR	84		>OR= 60 mL/min/1.73m2 The eGFR is based on the CKD-EPI 2021 equation. To calculate the new eGFR from a previous Creatinine or Cystatin C result, go to https://www.kidney.org/professionals/kdoqi/gfr%5Fcalculator	
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	
SODIUM	137		135-146 mmol/L	
POTASSIUM	4.4		3.5-5.3 mmol/L	
CHLORIDE	100		98-110 mmol/L	
CARBON DIOXIDE	29		20-32 mmol/L	
CALCIUM	9.1		8.6-10.3 mg/dL	
PROTEIN, TOTAL	6.9		6.1-8.1 g/dL	
ALBUMIN	4.2		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	1.0		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	62		36-130 U/L	
AST	19		10-40 U/L	
ALT	18		9-46 U/L	
MAGNESIUM	1.7		1.5-2.5 mg/dL	AT
VITAMIN A (RETINOL)	39		38-98 mcg/dL	AMO

Vitamin supplementation within 24 hours prior to blood draw may affect the accuracy of the results.

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute Chantilly, VA. It has not been cleared or approved by the U.S. Food and Drug Administration. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

VITAMIN E (TOCOPHEROL)				AMO
ALPHA-TOCOPHEROL	8.1		5.7-19.9 mg/L	

Levels of alpha-tocopherol <5 mg/L are consistent with Vitamin E deficiency in adults.

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Test Name	In Range	Out Of Range	Reference Range	Lab
BETA-GAMMA-TOCOPHEROL	<1.0		<=4.3 mg/L	
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ZINC	75		60-130 mcg/dL	AMO
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IRON AND TOTAL IRON BINDING CAPACITY				AT
IRON, TOTAL	121		50-180 mcg/dL	
IRON BINDING CAPACITY	266		250-425 mcg/dL (calc)	
% SATURATION	45		20-48 % (calc)	
FERRITIN	152		38-380 ng/mL	AT
TRANS FERRIN	207		188-341 mcg/dL	AT
VITAMIN B12/FOLATE, SERUM PANEL				AT
VITAMIN B12	343		200-1100 pg/mL	
<p>Please Note: Although the reference range for vitamin B12 is 200-1100 pg/mL, it has been reported that between 5 and 10% of patients with values between 200 and 400 pg/mL may experience neuropsychiatric and hematologic abnormalities due to occult B12 deficiency; less than 1% of patients with values above 400 pg/mL will have symptoms.</p>				
FOLATE, SERUM	13.9		ng/mL Reference Range Low: <3.4 Borderline: 3.4-5.4 Normal: >5.4	
VITAMIN C				SLI
VITAMIN C	0.7		0.2-2.1 mg/dL	
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CLIENT SERVICES:

SPECIMEN:

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Test Name	In Range	Out Of Range	Reference Range	Lab
VITAMIN K	159		130-1500 pg/mL	SLI

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Endocrinology

Test Name	Result	Reference Range	Lab
VITAMIN D,25-OH,TOTAL,IA	30	30-100 ng/mL	AT
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, (02,D3), LC/MS/MS is recommended: order code 92888 (patients >2yrs). For additional information, please refer to http://education.QuestDiagnostics.com/faq/FAQ199 (This link is being provided for informational/ educational purposes only.) Physician Comments:			