



Patient Information	Specimen Information	Client Information
<b>DOB:</b> <b>AGE:</b> <b>Gender:</b> <b>Phone:</b> <b>Patient ID:</b> <b>Health ID:</b>	<b>Specimen:</b> <b>Requisition:</b> <b>Lab Ref #:</b> <b>Collected:</b> <b>Received:</b> <b>Reported:</b>	<b>REQUEST A TEST - PWN HEALTH</b> <b>7027 MILL RD STE 201</b> <b>BRECKSVILLE, OH 44141-1852</b>

**COMMENTS:** FASTING: YES

Test Name	In Range	Out Of Range	Reference Range	Lab
COMPREHENSIVE METABOLIC PANEL				UL
GLUCOSE	72		65-99 mg/dL	
			Fasting reference interval	
UREA NITROGEN (BUN)	9		7-25 mg/dL	
CREATININE	0.71		0.50-0.96 mg/dL	
EGFR	119		> OR = 60 mL/min/1.73m2	
BUN/CREATININE RATIO	SEE NOTE:		6-22 (calc)	
			Not Reported: BUN and Creatinine are within reference range.	
SODIUM	141		135-146 mmol/L	
POTASSIUM	4.0		3.5-5.3 mmol/L	
CHLORIDE	103		98-110 mmol/L	
CARBON DIOXIDE	25		20-32 mmol/L	
CALCIUM	9.0		8.6-10.2 mg/dL	
PROTEIN, TOTAL	7.2		6.1-8.1 g/dL	
ALBUMIN	4.8		3.6-5.1 g/dL	
GLOBULIN	2.4		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	2.0		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.8		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	52		31-125 U/L	
AST	28		10-30 U/L	
ALT	23		6-29 U/L	
MAGNESIUM	2.1		1.5-2.5 mg/dL	UL
VITAMIN K	586		130-1500 pg/mL	AMD
<p>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.</p>				
IRON AND TOTAL IRON BINDING CAPACITY				UL
IRON, TOTAL	159		40-190 mcg/dL	
IRON BINDING CAPACITY	306		250-450 mcg/dL (calc)	
% SATURATION	34		16-45 % (calc)	
FERRITIN	117		16-154 ng/mL	UL
VITAMIN B12/FOLATE, SERUM PANEL				UL
VITAMIN B12	1082		200-1100 pg/mL	
FOLATE, SERUM	19.3		ng/mL	
			Reference Range	
			Low:	<3.4
			Borderline:	3.4-5.4
			Normal:	>5.4

CLIENT SERVICES:

SPECIMEN:



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Test Name	In Range	Out Of Range	Reference Range	Lab
VITAMIN E (TOCOPHEROL)				SLI
VITAMIN E, ALPHA TOCOPHEROL	10.4		mg/L	
			Reference Range 5.7-19.9 mg/L	
			Levels of alpha-tocopherol <5 mg/L are consistent with Vitamin E deficiency in adults.	
			Vitamin supplementation within 24 hours prior to blood draw may affect the accuracy of results.	
			<b>See Endnote 1</b>	
VITAMIN E, BETA GAMMA TOCOPHEROL	1.1		<4.4 mg/L	
			<b>See Endnote 1</b>	
VITAMIN C				SLI
VITAMIN C	0.7		0.3-2.7 mg/dL	
			This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.	
VITAMIN A (RETINOL)	53		38-98 mcg/dL	SLI
			**Clin Chem Vol. 34.No.8. pp1625-1628. 1998	
			Vitamin supplementation within 24 hours prior to blood draw may affect the accuracy of results.	
			This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.	
VITAMIN B6, PLASMA	13.7		2.1-21.7 ng/mL	Z3E
			(Note)	
			VITAMIN SUPPLEMENTATION WITHIN 24 HOURS PRIOR TO BLOOD DRAW MAY AFFECT THE ACCURACY OF RESULTS.	
			THIS TEST WAS DEVELOPED AND ITS ANALYTICAL PERFORMANCE CHARACTERISTICS HAVE BEEN DETERMINED BY MEDFUSION. IT HAS NOT BEEN CLEARED OR APPROVED BY THE FDA. THIS ASSAY HAS BEEN VALIDATED PURSUANT TO THE CLIA REGULATIONS AND IS USED FOR CLINICAL PURPOSES.	
			MDF	
			med fusion	
			2501 South State Highway 121,Suite 1100	
			Lewisville TX 75067	
			972-966-7300	



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Test Name	In Range	Out Of Range	Reference Range	Lab
Robert L. Breckenridge, MD SELENIUM	88		63-160 mcg/L	SLI
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ZINC	94		60-130 mcg/dL	EN
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COPPER	88		70-175 mcg/dL	SLI
This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.				

#### Endnote 1

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**Endocrinology**

Test Name	Result	Reference Range	Lab
VITAMIN D,25-OH,TOTAL,IA	32	30-100 ng/mL	UL
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).  For additional information, please refer to <a href="http://education.QuestDiagnostics.com/faq/FAQ199">http://education.QuestDiagnostics.com/faq/FAQ199</a> (This link is being provided for informational/ educational purposes only.)  Physician Comments:			

**PERFORMING SITE:**

CLIENT SERVICES:

SPECIMEN: