


MATTHEWS, PAUL
Date of Birth: 05/08/1977

Gender: M

Specimen ID: 28450807150

Control ID: L2306990128

Account Number: 12502800

Status: Final

Specimen Details:
Collection Date: 10/02/2023 08:00

Report Date: 10/19/2023 09:11

Patient ID: 0

Alt. Patient ID:
Physician Details:
Provider: FIELDER, L

NPI Number: 1699866020

Ordered Items: Ceruloplasmin; Comp. Metabolic Panel (14); Copper, Serum; Homocyst(e)ine; Plasma Zinc; TSH; Vitamin D, 25-Hydroxy

Test Name	Result	LabCorp Reference Range	Result	Walsh/Pfeiffer Functional Range	Flag	Units	Lab
Ceruloplasmin							
• Ceruloplasmin	17.7	16.0-31.0				mg/dL	01
Comp. Metabolic Panel (14)							
• Glucose	107	70-99			High	mg/dL	01
• BUN	20	6-24				mg/dL	01
• Creatinine	0.94	0.76-1.27				mg/dL	01
• eGFR	101	>59				mL/min/1.73	01
• BUN/Creatinine Ratio	21	9-20			High		01
• Sodium	140	134-144				mmol/L	01
• Potassium	4.2	3.5-5.2				mmol/L	01
• Chloride	104	96-106				mmol/L	01
• Carbon Dioxide, Total	26	20-29				mmol/L	01
• Calcium	9.1	8.7-10.2				mg/dL	01
• Protein, Total	7.1	6.0-8.5				g/dL	01
• Albumin	4.6	4.1-5.1				g/dL	01
• Globulin, Total	2.5	1.5-4.5				g/dL	01
• A/G Ratio	1.8	1.2-2.2					01
• Bilirubin, Total	0.3	0.0-1.2				mg/dL	01
• Alkaline Phosphatase	81	44-121				IU/L	01
• AST (SGOT)	30	0-40				IU/L	01
• ALT (SGPT)	41	0-44				IU/L	01
Copper, Serum							
• Copper, Serum	82	69-132	82	70-110		ug/dL	02
<i>Detection Limit = 5</i>							
Homocyst(e)ine							
• Homocyst(e)ine	8.1	0.0-14.5				umol/L	01
Plasma Zinc							
• Plasma Zinc	87	56-134	87	90-135		ug/dL	02

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DHA Laboratory

411 E Business Center Dr #107, Mt Prospect, IL 60056

Email: info@dhalab.com | **Phone:** 847-222-9546 | **Fax:** 847-222-9547

Test Name	Result	LabCorp Reference Range	Result	Walsh/Pfeiffer Functional Range	Flag	Units	Lab
Detection Limit = 5							
TSH							
• TSH	0.914	0.450-4.500				uIU/mL	01
Vitamin D, 25-Hydroxy							
• Vitamin D, 25-Hydroxy	29.1 	30.0-100.0			Low	ng/mL	01
Vitamin D deficiency has been defined by the Institute of Medicine and an Endocrine Society practice guideline as a level of serum 25-OH vitamin D less than 20 ng/mL (1,2). The Endocrine Society went on to further define vitamin D insufficiency as a level between 21 and 29 ng/mL (2). 1. IOM (Institute of Medicine). 2010. Dietary reference intakes for calcium and D. Washington DC: The National Academies Press. 2. Holick MF, Binkley NC, Bischoff-Ferrari HA, et al. Evaluation, treatment, and prevention of vitamin D deficiency: an Endocrine Society clinical practice guideline. JCEM. 2011 Jul; 96(7):1911-30.							
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***NOTE:** The reference range(s) listed on this report are different than functional ranges. When determining biochemical imbalances based on the Carl Pfeiffer M.D./William Walsh Ph.D. model; Optimal functional ranges represent a range within a reference range that can position a patient within biochemical classes: (1) elevated histamine (2) low histamine (3) excess copper (4) zinc deficiency. Optimal functional ranges for patients may vary based on diagnosis, clinical features and response to treatment.

Laboratory Director: Judith Bowman, MD | CLIA #: 14D0995837

Reference Testing Facilities:

Lab	Lab Name and Address	Lab Phone Numbers	Lab Medical Director
01	Labcorp Dublin, 6370 Wilcox Road, Dublin OH 430161269	8002827300	Ricchiuti, Vincent PhD
02	Labcorp Burlington, 1447 York Court, Burlington NC 272153361	8007624344	Nagendra, Sanjai MD