



# SAMPLE REPORT

**DOE, JOHN**

Date of Birth: 00/00/0000

Gender: M

Specimen ID: 00000000011

Control ID: A0000000001

Account Number: 12502800

Status: Final

**Specimen Details:**

Collection Date: 02/03/2020 09:10

Patient ID: 0

**Physician Details:**

Provider: SMITH, J

Report Date: 02/07/2020 09:07

Alt. Patient ID:

NPI Number: 0000000000

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

Test Name	Result	LabCorp Reference Range	Result	Walsh/Pfeiffer Functional Range	Flag	Units	Lab
<b>Ceruloplasmin</b>							
• Ceruloplasmin	20.4	16.0-31.0				mg/dL	01
<b>Comp. Metabolic Panel (14)</b>							
• Glucose	109 <sup>PM</sup>	65-99			High	mg/dL	01
• BUN	14	8-27				mg/dL	01
• Creatinine	0.84	0.76-1.27				mg/dL	01
• eGFR If NonAfricn Am	94	>59				mL/min/1.73	01
• eGFR If Africn Am	108	>59				mL/min/1.73	01
• BUN/Creatinine Ratio	17	10-24					01
• Sodium	143	134-144				mmol/L	01
• Potassium	4.1	3.5-5.2				mmol/L	01
• Chloride	102	96-106				mmol/L	01
• Carbon Dioxide, Total	24	20-29				mmol/L	01
• Calcium	9.4	8.6-10.2				mg/dL	01
• Protein, Total	7.1	6.0-8.5				g/dL	01
• Albumin	4.7	3.8-4.8				g/dL	01
		<i>**Please note reference interval change**</i>					
• Globulin, Total	2.4	1.5-4.5				g/dL	01
• A/G Ratio	2	1.2-2.2					01
• Bilirubin, Total	0.8	0.0-1.2				mg/dL	01
• Alkaline Phosphatase	46	39-117				IU/L	01
• AST (SGOT)	31	0-40				IU/L	01
• ALT (SGPT)	31	0-44				IU/L	01
<b>Copper, Serum</b>							
• Copper, Serum	89	72-166	89	70-110		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
<i>Detection Limit = 5</i>							
<b>Histamine Determination, Blood</b>							
• Histamine Determination, Blood	86	12-127	86 <span style="color: red;">⚠</span>	40-70		ng/mL	02
<i>Results for this test are for research purposes only by the assay's manufacturer. The performance characteristics of this product have not been established. Results should not be used as a diagnostic procedure without confirmation of the diagnosis by another medically established diagnostic product or procedure.</i>							
<b>Homocyst(e)ine</b>							
• Homocyst(e)ine	10.5	0.0-17.2				umol/L	01
<i>**Please note reference interval change**</i>							
<b>Plasma Zinc</b>							
• Plasma Zinc	87	56-134	87 <span style="color: red;">⚠</span>	90-135		ug/dL	02
<i>Detection Limit = 5</i>							
<b>TSH</b>							
• TSH	3.7	0.450-4.500				uIU/mL	01
<b>Vitamin D, 25-Hydroxy</b>							
• Vitamin D, 25-Hydroxy	50.7	30.0-100.0				ng/mL	01
<i>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).</i> 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