

<b>Specimen ID:</b>	<b>Control ID:</b>	<b>Account Number:</b>	<b>Status: Final</b>
<b>Specimen Details:</b>	<b>Patient ID: 0</b> <b>Alt. Patient ID:</b>	<b>Physician Details:</b> <b>Provider: FIELDER</b> <b>NPI Number:</b>	

**Ordered Items:** CBC With Differential/Platelet; Comp. Metabolic Panel (14); Reverse T3, Serum; Thyroglobulin Antibody; Thyroid Panel With TSH; Thyroid Peroxidase (TPO) Ab; Thyroxine (T4) Free, Direct; Triiodothyronine (T3); Triiodothyronine (T3), Free; Vitamin D, 25-Hydroxy

Test Name	Result	LabCorp Reference Range	Result	Walsh/Pfeiffer Functional Range	Flag	Units	Lab
<b>CBC With Differential/Platelet</b>							
• WBC	4	3.4-10.8				x10E3/uL	01
• RBC	4.77	3.77-5.28				x10E6/uL	01
• Hemoglobin	14.1	11.1-15.9				g/dL	01
• Hematocrit	41.5	34.0-46.6				%	01
• MCV	87	79-97				fL	01
• MCH	29.6	26.6-33.0				pg	01
• MCHC	34	31.5-35.7				g/dL	01
• RDW	14	11.7-15.4				%	01
• Platelets	225	150-450				x10E3/uL	01
• Neutrophils	68	Not Estab.				%	01
• Lymphs	21	Not Estab.				%	01
• Monocytes	8	Not Estab.				%	01
• Eos	2	Not Estab.				%	01
• Basos	1	Not Estab.				%	01
• Neutrophils (Absolute)	2.7	1.4-7.0				x10E3/uL	01
• Lymphs (Absolute)	0.8	0.7-3.1				x10E3/uL	01
• Monocytes(Absolute)	0.3	0.1-0.9				x10E3/uL	01
• Eos (Absolute)	0.1	0.0-0.4				x10E3/uL	01
• Baso (Absolute)	0	0.0-0.2				x10E3/uL	01
• Immature Granulocytes	0	Not Estab.				%	01
• Immature Grans (Abs)	0	0.0-0.1				x10E3/uL	01
<b>Comp. Metabolic Panel (14)</b>							
• Glucose	94	65-99				mg/dL	01
• BUN	14	6-24				mg/dL	01
• Creatinine	0.74	0.57-1.00				mg/dL	01
• eGFR	100	>59				mL/min/1.73	01

Test Name	Result	LabCorp Reference Range	Result	Walsh/Pfeiffer Functional Range	Flag	Units	Lab
• BUN/Creatinine Ratio	19	9-23					01
• Sodium	141	134-144				mmol/L	01
• Potassium	3.9	3.5-5.2				mmol/L	01
• Chloride	102	96-106				mmol/L	01
• Carbon Dioxide, Total	23	20-29				mmol/L	01
• Calcium	9.4	8.7-10.2				mg/dL	01
• Protein, Total	6.9	6.0-8.5				g/dL	01
• Albumin	4.4	3.8-4.8				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	0.5	0.0-1.2				mg/dL	01
• Alkaline Phosphatase	74	44-121				IU/L	01
• AST (SGOT)	24	0-40				IU/L	01
• ALT (SGPT)	19	0-32				IU/L	01

### Reverse T3, Serum

• Reverse T3, Serum	18.5	9.2-24.1				ng/dL	01
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*This test was developed and its performance characteristics determined by Labcorp. It has not been cleared or approved by the Food and Drug Administration.*

### Thyroglobulin Antibody

• Thyroglobulin Antibody	<1.0	0.0-0.9				IU/mL	01
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*Thyroglobulin Antibody measured by Beckman Coulter Methodology*

### Thyroid Panel With TSH

• TSH	0.624	0.450-4.500				uIU/mL	01
• Thyroxine (T4)	7.9	4.5-12.0				ug/dL	01
• T3 Uptake	27	24-39				%	01
• Free Thyroxine Index	2.1	1.2-4.9					01

### Thyroid Peroxidase (TPO) Ab

• Thyroid Peroxidase (TPO) Ab	<8	0-34				IU/mL	01
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### Thyroxine (T4) Free, Direct

• T4,Free(Direct)	1.37	0.82-1.77				ng/dL	01
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### Triiodothyronine (T3)

• Triiodothyronine (T3)	130	71-180				ng/dL	01
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### Triiodothyronine (T3), Free

• Triiodothyronine (T3), Free	3.3	2.0-4.4				pg/mL	01
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### Vitamin D, 25-Hydroxy

• Vitamin D, 25-Hydroxy	66	30.0-100.0				ng/mL	01
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Date of Birth:

Gender:

Test Name	Result	LabCorp Reference Range	Result	Walsh/Pfeiffer Functional Range	Flag	Units	Lab
<p>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).</p> <p>1. IOM (Institute of Medicine). 2010. Dietary reference intakes for calcium and D. Washington DC: The National Academies Press.</p> <p>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.</p>							

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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 Burlington, 1447 York Court, Burlington NC 272153361	8007624344	Nagendra, Sanjai MD