

Sample Patient

Date of Birth:
Gender:
Specimen ID:
Control ID:
Account Number:
Status:
Specimen Details:
Collection Date:
Patient ID: 0
Physician Details:
Provider:
Report Date:
Alt. Patient ID:
NPI Number:

Ordered Items: C-Reactive Protein, Cardiac; Calcitriol(1,25 di-OH Vit D); CBC With Differential/Platelet; Comp. Metabolic Panel (14); Copper, Serum; Erythrocyte Sedimentation Rate; Ferritin; Fibrinogen Activity; Folate (Folic Acid), Serum; GGT; Hemoglobin A1c; Homocyst(e)ine; Insulin; Iron and TIBC; LDH; Lipid Panel w/ Chol/HDL Ratio; Magnesium; Phosphorus; Plasma Zinc; PTH, Intact; Reverse T3, Serum; Testosterone; Thyroglobulin Antibody; Thyroid Panel With TSH; Thyroid Peroxidase (TPO) Ab; Thyroxine (T4) Free, Direct; Triiodothyronine (T3); Triiodothyronine (T3), Free; Uric Acid; Urinalysis, Routine; Vitamin A, Serum; Vitamin B12; Vitamin D, 25-Hydroxy

Test Name	Result	LabCorp Reference Range	Result	Walsh/Pfeiffer Functional Range	Flag	Units	Lab
C-Reactive Protein, Cardiac							
• C-Reactive Protein, Cardiac	0.16	0.00-3.00				mg/L	01
<i>Relative Risk for Future Cardiovascular Event</i> Low <1.00 Average 1.00 - 3.00 High >3.00							
Calcitriol(1,25 di-OH Vit D)							
• Calcitriol(1,25 di-OH Vit D)	47.9	24.8-81.5				pg/mL	02
CBC With Differential/Platelet							
• WBC	4.8	3.4-10.8				x10E3/uL	01
• RBC	4.81	3.77-5.28				x10E6/uL	01
• Hemoglobin	13.7	11.1-15.9				g/dL	01
• Hematocrit	43.1	34.0-46.6				%	01
• MCV	90	79-97				fL	01
• MCH	28.5	26.6-33.0				pg	01
• MCHC	31.8	31.5-35.7				g/dL	01
• RDW	11.8	11.7-15.4				%	01
• Platelets	187	150-450				x10E3/uL	01
• Neutrophils	56	Not Estab.				%	01
• Lymphs	35	Not Estab.				%	01
• Monocytes	6	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)	1.7	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

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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
• 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
Comp. Metabolic Panel (14)							
• Glucose	85	70-99				mg/dL	01
• BUN	14	6-20				mg/dL	01
• Creatinine	0.79	0.57-1.00				mg/dL	01
• eGFR	102	>59				mL/min/1.73	01
• BUN/Creatinine Ratio	18	9-23					01
• Sodium	139	134-144				mmol/L	01
• Potassium	4.2	3.5-5.2				mmol/L	01
• Chloride	100	96-106				mmol/L	01
• Carbon Dioxide, Total	24	20-29				mmol/L	01
<i>Reported reference interval is for low elevation. High elevation (over 3000 feet) intervals below: Male Female 0 days - 6 years 15 - 24 15 - 24 >6 years 17 - 26 17 - 26</i>							
• Calcium	9.5	8.7-10.2				mg/dL	01
• Protein, Total	7.4	6.0-8.5				g/dL	01
• Albumin	5.2	3.9-4.9			High	g/dL	01
• Globulin, Total	2.2	1.5-4.5				g/dL	01
• Bilirubin, Total	0.5	0.0-1.2				mg/dL	01
• Alkaline Phosphatase	36	41-116			Low	IU/L	01
• AST (SGOT)	14	0-40				IU/L	01
• ALT (SGPT)	10	0-32				IU/L	01
Copper, Serum							
• Copper, Serum	73	76-142	73	70-110	Low	ug/dL	02
<i>Detection Limit = 5</i>							
Erythrocyte Sedimentation Rate							
• Erythrocyte Sedimentation Rate	7	0-32				mm/hr	01
Ferritin							
• Ferritin	56	15-150				ng/mL	01
Fibrinogen Activity							
• Fibrinogen Activity	298	209-464				mg/dL	01
Folate (Folic Acid), Serum							
• Folate (Folic Acid), Serum	17.5	>3.0				ng/mL	01
<i>A serum folate concentration of less than 3.1 ng/mL is considered to represent clinical deficiency.</i>							
GGT							
• GGT	12	0-60				IU/L	01
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Test Name	Result	LabCorp Reference Range	Result	Walsh/Pfeiffer Functional Range	Flag	Units	Lab
Hemoglobin A1c							
• Hemoglobin A1c	5.2	4.8-5.6				%	01
. Prediabetes: 5.7 - 6.4 Diabetes: >6.4 Glycemic control for adults with diabetes: <7.0							
Homocyst(e)ine							
• Homocyst(e)ine	8.2	0.0-14.5				umol/L	01
Insulin							
• Insulin	5.6	2.6-24.9				uIU/mL	01
Iron and TIBC							
• Iron Bind.Cap.(TIBC)	305	250-450				ug/dL	01
• UIBC	198	131-425				ug/dL	01
• Iron	107	27-159				ug/dL	01
• Iron Saturation	35	15-55				%	01
LDH							
• LDH	121	119-226				IU/L	01
Lipid Panel w/ Chol/HDL Ratio							
• Cholesterol, Total	196	100-199				mg/dL	01
• Triglycerides	43	0-149				mg/dL	01
• HDL Cholesterol	80	>39				mg/dL	01
• VLDL Cholesterol Cal	7	5-40				mg/dL	01
• LDL Chol Calc (NIH)	109 	0-99			High	mg/dL	01
:: Adult Lipids : Children Lipids (mg/dL) : :Risk : (mg/dL) : 2-19 yrs : 0-9 yrs: 10-19 yrs: :Categories : LDL-c : Trig : Chol : LDL-c : Trig : Trig : :-----:-----:-----:-----:-----:-----:-----: :Optimal : <100 : <150 : <170 : <110 : <75 : <90 : :-----:-----:-----:-----:-----:-----:-----: :Near Optimal: 100-129: : : : : :-----:-----:-----:-----:-----:-----:-----: :Borderline : 130-159: 150-199: 170-199: 110-129: 75-99 : 90-129 : :-----:-----:-----:-----:-----:-----:-----: :High : 160-189: 200-499: >199 : >129 : >99 : >129 : :-----:-----:-----:-----:-----:-----:-----: :Very High : >189 : >499 : : : : : :-----:-----:-----:-----:-----:-----:-----:							
• T. Chol/HDL Ratio	2.5	0.0-4.4				ratio	01
T. Chol/HDL Ratio Men Women 1/2 Avg.Risk 3.4 3.3 Avg.Risk 5.0 4.4 2X Avg.Risk 9.6 7.1 3X Avg.Risk 23.4 11.0							
Magnesium							
• Magnesium	2	1.6-2.3				mg/dL	01
Phosphorus							
• Phosphorus	3.6	3.0-4.3				mg/dL	01
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Test Name	Result	LabCorp Reference Range	Result	Walsh/Pfeiffer Functional Range	Flag	Units	Lab
Plasma Zinc							
• Plasma Zinc	91	56-134	91	90-135		ug/dL	02
<i>Detection Limit = 5</i>							
PTH, Intact							
• PTH, Intact	23	15-65				pg/mL	01
Reverse T3, Serum							
• Reverse T3, Serum	9.3					ng/dL	03
<i>This test was developed and its performance characteristics determined by Labcorp. It has not been cleared or approved by the Food and Drug Administration.</i>							
<i>Reference Range:</i>							
<i>>15y: 9.2 - 24.1</i>							
Testosterone							
• Testosterone	17	8-60				ng/dL	01
Thyroglobulin Antibody							
• Thyroglobulin Antibody	<1.5	0.0-1.4				IU/mL	04
<i>Thyroglobulin Antibody measured by Beckman Coulter Methodology</i>							
<i>It should be noted that the presence of thyroglobulin antibodies may not be pathogenic nor diagnostic, especially at very low levels. The assay manufacturer has found that four percent of individuals without evidence of thyroid disease or autoimmunity will have positive TgAb levels up to 4 IU/mL.</i>							
Thyroid Panel With TSH							
• TSH	1.7	0.450-4.500				uIU/mL	01
• Thyroxine (T4)	5.7	4.5-12.0				ug/dL	01
• T3 Uptake	28	24-39				%	01
• Free Thyroxine Index	1.6	1.2-4.9					01
Thyroid Peroxidase (TPO) Ab							
• Thyroid Peroxidase (TPO) Ab	22	0-34				IU/mL	01
Thyroxine (T4) Free, Direct							
• T4,Free(Direct)	1.1	0.82-1.77				ng/dL	01
Triiodothyronine (T3)							
• Triiodothyronine (T3)	109	71-180				ng/dL	01
Triiodothyronine (T3), Free							
• Triiodothyronine (T3), Free	3.2	2.0-4.4				pg/mL	01
Uric Acid							
• Uric Acid	3.8	2.6-6.2				mg/dL	01
<i>Therapeutic target for gout patients: <6.0</i>							
Urinalysis, Routine							
• Specific Gravity	1.025	1.005-1.030					01
• pH	6	5.0-7.5					01
• Urine-Color	Yellow	Yellow					01
• Appearance	Clear	Clear					01
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Test Name	Result	LabCorp Reference Range	Result	Walsh/Pfeiffer Functional Range	Flag	Units	Lab
• WBC Esterase	Negative	Negative					01
• Protein	Trace	Negative/Trace					01
• Glucose	Negative	Negative					01
• Ketones	Negative	Negative					01
• Occult Blood	Negative	Negative					01
• Bilirubin	Negative	Negative					01
• Urobilinogen,Semi-Qn	0.2	0.2-1.0				mg/dL	01
• Nitrite, Urine	Negative	Negative					01
• Microscopic Examination							01
Microscopic not indicated and not performed.							

Vitamin A, Serum

• Vitamin A	56.3	18.9-57.3				ug/dL	02
Reference intervals for vitamin A determined from LabCorp internal studies. Individuals with vitamin A less than 20 ug/dL are considered vitamin A deficient and those with serum concentrations less than 10 ug/dL are considered severely deficient.							
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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.							

Vitamin B12

• Vitamin B12	1081	232-1245				pg/mL	01
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Vitamin D, 25-Hydroxy

• Vitamin D, 25-Hydroxy	48.4	30.0-100.0				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 Denver, 8490 Upland Drive, Englewood CO 801127115	3037922600	Collum, Earle S MD
02	Labcorp Burlington, 1447 York Court, Burlington NC 272153361	8007624344	Nagendra, Sanjai MD
03	Esoterix Inc, 4301 Lost Hills Road, Calabasas Hills CA 913015358	8004449111	Kashlan, Basel MD
04	Labcorp Dallas, 7777 Forest Ln Bldg C350, Dallas TX 752302544	9725986000	Vardaman, Celeste H MD