

Date Collected: 12/15/2023

Date Received: 12/15/2023

Date Reported: 12/29/2023

Fasting: Yes

Ordered Items: TSH+Free T4; Lipid Panel; Immunoglobulins A/E/G/M, Serum; Testosterone, Free/Tot Equilib; Estrogens Fractionated, S; FSH and LH; Tryptase; Angiotensin-Converting Enzyme; Vitamin D, 25-Hydroxy; Lipoprotein (a); C-Reactive Protein, Cardiac; Histamine, Plasma; T3 Uptake; Sedimentation Rate-Westergren; Progesterone; Triiodothyronine (T3), Free; Sex Horm Binding Glob, Serum; Venipuncture

Date Collected: 12/15/2023

TSH+Free T4

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
TSH <sup>01</sup>	1.810			uIU/mL	0.450-4.500
T4,Free(Direct) <sup>01</sup>	1.38	1.39	12/06/2022	ng/dL	0.82-1.77

Lipid Panel

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
▲ Cholesterol, Total <sup>01</sup>	201 High	186	12/06/2022	mg/dL	100-199
Triglycerides <sup>01</sup>	69	53	12/06/2022	mg/dL	0-149
HDL Cholesterol <sup>01</sup>	50	56	12/06/2022	mg/dL	>39
VLDL Cholesterol Cal	13	10	12/06/2022	mg/dL	5-40
▲ LDL Chol Calc (NIH)	138 High	120	12/06/2022	mg/dL	0-99

Immunoglobulins A/E/G/M, Serum

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
Immunoglobulin G, Qn, Serum <sup>01</sup>	799			mg/dL	586-1602
Immunoglobulin A, Qn, Serum <sup>01</sup>	93			mg/dL	87-352
Immunoglobulin M, Qn, Serum <sup>01</sup>	77			mg/dL	26-217
Immunoglobulin E, Total <sup>02</sup>	11			IU/mL	6-495

Testosterone, Free/Tot Equilib

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
Testosterone <sup>01</sup>	6	31	12/06/2022	ng/dL	4-50
▼ Testosterone,Free	0.08 Low	0.64	12/06/2022	ng/dL	0.10-0.85
% Free Testosterone <sup>03</sup>	1.37	2.05	12/06/2022	%	0.50-2.80

Estrogens Fractionated, S

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
Estrone, Serum <sup>03</sup>	24	48	07/19/2022	pg/mL	Range Adult (Premenopausal) 27 - 231 Menstrual Cycle (1-10 days) 19 - 149 Menstrual Cycle (11-20 days) 32 - 176 Menstrual Cycle (21-30 days) 37 - 200 Adult (Postmenopausal) 0 - 125
Estradiol <sup>01</sup>	28.8	46.3	12/06/2022	pg/mL	

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Estrogens Fractionated, S (Cont.)

Adult Female	Range
Follicular phase	12.5 - 166.0
Ovulation phase	85.8 - 498.0
Luteal phase	43.8 - 211.0
Postmenopausal	<6.0 - 54.7
Pregnancy	
1st trimester	215.0 - >4300.0

Roche ECLIA methodology

FSH and LH

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
LH <sup>01</sup>	10.9	17.3 12/06/2022	mIU/mL	
		Adult Female	Range	
		Follicular phase	2.4 - 12.6	
		Ovulation phase	14.0 - 95.6	
		Luteal phase	1.0 - 11.4	
		Postmenopausal	7.7 - 58.5	
FSH <sup>01</sup>	25.2	30.5 12/06/2022	mIU/mL	
		Adult Female	Range	
		Follicular phase	3.5 - 12.5	
		Ovulation phase	4.7 - 21.5	
		Luteal phase	1.7 - 7.7	
		Postmenopausal	25.8 - 134.8	

Tryptase

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Tryptase <sup>03</sup>	5.0		ug/L	2.2-13.2

Angiotensin-Converting Enzyme

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
ACE, Serum <sup>03</sup>	49		U/L	14-82

Vitamin D, 25-Hydroxy

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Vitamin D, 25-Hydroxy <sup>01</sup>	92.8	86.7 12/06/2022	ng/mL	30.0-100.0
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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Lipoprotein (a)

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Lipoprotein (a) <sup>03</sup>	9.2	18.9 12/14/2020	nmol/L	<75.0
Note: Values greater than or equal to 75.0 nmol/L may indicate an independent risk factor for CHD, but must be evaluated with caution when applied to non-Caucasian populations due to the influence of genetic factors on Lp(a) across ethnicities.				

C-Reactive Protein, Cardiac

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
C-Reactive Protein, Cardiac <sup>01</sup>	1.03	0.70 12/06/2022	mg/L	0.00-3.00
Relative Risk for Future Cardiovascular Event				
			Low	<1.00
			Average	1.00 - 3.00
			High	>3.00

Histamine, Plasma

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Histamine, Plasma <sup>A, 03</sup>	0.69		ng/mL	<1.00

T3 Uptake

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
T3 Uptake <sup>01</sup>	29	27 12/14/2020	%	24-39

Sedimentation Rate-Westergren

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Sedimentation Rate-Westergren <sup>01</sup>	2	2 09/08/2020	mm/hr	0-32

Progesterone

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Progesterone <sup>01</sup>	0.7	1.0 12/06/2022	ng/mL	
		Follicular phase	0.1 - 0.9	
		Luteal phase	1.8 - 23.9	
		Ovulation phase	0.1 - 12.0	
		Pregnant		
		First trimester	11.0 - 44.3	
		Second trimester	25.4 - 83.3	
		Third trimester	58.7 - 214.0	
		Postmenopausal	0.0 - 0.1	

Triiodothyronine (T3), Free

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Triiodothyronine (T3), Free <sup>01</sup>	3.2	3.4 12/06/2022	pg/mL	2.0-4.4

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Sex Horm Binding Glob, Serum

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
Sex Horm Binding Glob, Serum <sup>01</sup>	53.0	62.4	12/06/2022	nmol/L	24.6-122.0

**Disclaimer**  
The Previous Result is listed for the most recent test performed by Labcorp in the past 5 years where there is sufficient patient demographic data to match the result to the patient. Results from certain tests are excluded from the Previous Result display.

**Icon Legend**  
▲ Out of Reference Range    ■ Critical or Alert

**Comments**  
A: This test was developed and its performance characteristics determined by Labcorp. It has not been cleared or approved by the Food and Drug Administration.

**Performing Labs**  
01: PDLCA - Labcorp Phoenix, 5005 S 40th Street Ste 1200, Phoenix, AZ 85040-2969 Dir: Earle Collum, MD  
02: CETWE - Labcorp Phoenix, 5005 S 40th Street Ste 1200, Phoenix, AZ 85040-2969 Dir: Earle Collum, MD  
03: BN - Labcorp Burlington, 1447 York Court, Burlington, NC 27215-3361 Dir: Sanjai Nagendra, MD  
For Inquiries, the physician may contact Branch: 801-288-9000 Lab: 800-788-9743

**Patient Details**  
**Bair, Miriam J**  
**11818 S KINNEY CIR, RIVERTON, UT, 84065**  
  
Phone: 801-647-1925  
Date of Birth: 09/03/1979  
Age: 44  
Sex: Female  
Patient ID: 000000000  
Alternate Patient ID:

**Physician Details**  
**R RIGBY**  
**DAVIS FAMILY PHYSICIANS**  
**3225 West Gordon Ave, LAYTON, UT, 84041**  
  
Phone: 801-927-4209  
Account Number: 43043361  
Physician ID:  
NPI: 1437283553

**Specimen Details**  
Specimen ID: 349-847-5043-0  
Control ID: 63010228770  
Alternate Control Number:  
Date Collected: 12/15/2023 1036 Local  
Date Received: 12/15/2023 0000 ET  
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