

Specimen ID: 204-305-2619-0
Control ID: B0078068631

Acct #: 12502800

Phone: (847) 222-9546

Rte: 31

DHA Laboratory
411 E. Business Center Dr Ste 107
Mount Prospect IL 60056


Patient Details
Specimen Details
Physician Details

Date collected: 07/23/2018 0922 Local
Date received: 07/23/2018
Date entered: 07/23/2018
Date reported: 07/25/2018 2106 ET

Ordering: T BOGGESS
Referring:
ID: 14201482
NPI: 1417071507

General Comments & Additional Information

Alternate Control Number: B0078068631
Total Volume: Not Provided

Alternate Patient ID: Not Provided
Fasting: Yes

Ordered Items

CBC With Differential/Platelet; Comp. Metabolic Panel (14); Lipid Panel w/ Chol/HDL Ratio; Iron and TIBC; Testosterone, Free and Total; DHEA-Sulfate; Estradiol; Plasma Zinc; Histamine Determination, Blood; Vitamin D, 25-Hydroxy; C-Reactive Protein, Cardiac; Homocyst(e)ine, Plasma; Uric Acid; Phosphorus; LDH; GGT; Sedimentation Rate-Westergren; Ceruloplasmin; Copper, Serum; Progesterone; Ferritin, Serum; Cortisol - AM; Venipuncture

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
CBC With Differential/Platelet					
WBC	6.4		x10E3/uL	3.4 - 10.8	01
RBC	4.33		x10E6/uL	3.77 - 5.28	01
Hemoglobin	12.7		g/dL	11.1 - 15.9	01
Hematocrit	37.3		%	34.0 - 46.6	01
MCV	86		fL	79 - 97	01
MCH	29.3		pg	26.6 - 33.0	01
MCHC	34.0		g/dL	31.5 - 35.7	01
RDW	13.4		%	12.3 - 15.4	01
Platelets	363		x10E3/uL	150 - 379	01
Neutrophils	57		%	Not Estab.	01
Lymphs	34		%	Not Estab.	01
Monocytes	6		%	Not Estab.	01
Eos	2		%	Not Estab.	01
Basos	1		%	Not Estab.	01
Neutrophils (Absolute)	3.6		x10E3/uL	1.4 - 7.0	01
Lymphs (Absolute)	2.2		x10E3/uL	0.7 - 3.1	01
Monocytes (Absolute)	0.4		x10E3/uL	0.1 - 0.9	01
Eos (Absolute)	0.1		x10E3/uL	0.0 - 0.4	01
Baso (Absolute)	0.0		x10E3/uL	0.0 - 0.2	01
Immature Granulocytes	0		%	Not Estab.	01
Immature Grans (Abs)	0.0		x10E3/uL	0.0 - 0.1	01
Comp. Metabolic Panel (14)					
Glucose	90		mg/dL	65 - 99	01
BUN	11		mg/dL	6 - 20	01
Creatinine	0.70		mg/dL	0.57 - 1.00	01
eGFR If NonAfricn Am	117		mL/min/1.73	>59	

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
eGFR If Africn Am	134		mL/min/1.73	>59	
BUN/Creatinine Ratio	16			9 - 23	
Sodium	139		mmol/L	134 - 144	01
Potassium	4.3		mmol/L	3.5 - 5.2	01
Chloride	101		mmol/L	96 - 106	01
Carbon Dioxide, Total	23		mmol/L	20 - 29	01
Calcium	9.4		mg/dL	8.7 - 10.2	01
Protein, Total	7.2		g/dL	6.0 - 8.5	01
Albumin	4.8		g/dL	3.5 - 5.5	01
Globulin, Total	2.4		g/dL	1.5 - 4.5	
A/G Ratio	2.0			1.2 - 2.2	
Bilirubin, Total	<0.2		mg/dL	0.0 - 1.2	01
Alkaline Phosphatase	58		IU/L	39 - 117	01
AST (SGOT)	20		IU/L	0 - 40	01
ALT (SGPT)	17		IU/L	0 - 32	01
Lipid Panel w/ Chol/HDL Ratio					
Cholesterol, Total	162		mg/dL	100 - 199	01
Triglycerides	102		mg/dL	0 - 149	01
HDL Cholesterol	55		mg/dL	>39	01
VLDL Cholesterol Calc	20		mg/dL	5 - 40	
LDL Cholesterol Calc	87		mg/dL	0 - 99	
T. Chol/HDL Ratio	2.9		ratio	0.0 - 4.4	
Please Note:					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	
Iron and TIBC					
Iron Bind.Cap. (TIBC)	364		ug/dL	250 - 450	
UIBC	307		ug/dL	131 - 425	01
Iron	57		ug/dL	27 - 159	01
Iron Saturation	16		%	15 - 55	
Testosterone, Free and Total					
Testosterone, Serum	34		ng/dL	8 - 48	01
Free Testosterone (Direct)	1.5		pg/mL	0.0 - 4.2	02
DHEA-Sulfate	115.0		ug/dL	84.8 - 378.0	01
Estradiol	49.3		pg/mL		01
				Adult Female:	

TESTS	RESULT	FLAG	UNITS	REFERENCE	INTERVAL	LAB
			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	
			Girls (1-10 years)	6.0 -	27.0	
Roche ECLIA methodology						
Plasma Zinc	74		ug/dL	56 -	134	02
				Detection Limit = 5		
Histamine Determination, Blood						
	68		ng/mL	12 -	127	02
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.						
Vitamin D, 25-Hydroxy	40.7		ng/mL	30.0 -	100.0	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.						
C-Reactive Protein, Cardiac	3.36	High	mg/L	0.00 -	3.00	01
	Relative Risk for Future Cardiovascular Event					
			Low		<1.00	
			Average	1.00 -	3.00	
			High		>3.00	
Homocyst(e)ine, Plasma	6.3		umol/L	0.0 -	15.0	01
Uric Acid						
Uric Acid	5.6		mg/dL	2.5 -	7.1	01
Please Note:						01
	Therapeutic target for gout patients: <6.0					
Phosphorus	3.3		mg/dL	2.5 -	4.5	01
LDH	221		IU/L	119 -	226	01

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
GGT	16		IU/L	0 - 60	01
Sedimentation Rate-Westergren	16		mm/hr	0 - 32	01
Ceruloplasmin	29.0		mg/dL	19.0 - 39.0	01
Copper, Serum	118		ug/dL	72 - 166 Detection Limit = 5	02
Progesterone	0.1		ng/mL		01
			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	
Ferritin, Serum	32		ng/mL	15 - 150	01
Cortisol - AM	8.7		ug/dL	6.2 - 19.4	01

01	CB	LabCorp Dublin 6370 Wilcox Road, Dublin, OH 43016-1269	Dir: Vincent Ricchiuti, PhD
02	BN	LabCorp Burlington 1447 York Court, Burlington, NC 27215-3361	Dir: William F Hancock, MD

For inquiries, the physician may contact **Branch: 800-597-8026 Lab: 800-282-7300**



WALSH/ PFEIFFER FUNCTIONAL RANGES

*The reference range(s) listed 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.

Test	Lab Corp Reference Range	Walsh/Pfeiffer Functional Range
*Zinc, Plasma	56-134	90-135
*Histamine Determination	12-127	40-70
*Copper, Serum	72-166	70-110

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