


Specimen Number
33412910520

Control Number
62014828529

100%



Specimen # 334-129-1052-0	Lab SE	Time 08:46	Fasting Y	e-Results Patient Inquiry	
Additional Information			Volume		
Patient Name ANNA		Sex F	Age 057/10	Clinical Information:	
Patient Address 7619 SW 26TH AVE Portland, OR 97219 503-977-2660		DOB 01/26/52	Physician ID	Patient ID 24587	
Control # 62014828529	Draw 11/30/09	Entered 12/01/09	Last Report 12/06/09	Account: Sonoran Naturopathic Center 02111760	
			9316 E Raintree Dr Ste 140 SCOTTSDALE, AZ 85260 4806142322		

Test Ordered

CBC With Differential/Platelet
Lipid Panel
Iron and TIBC
Testosterone, Free and Total
Estradiol
Vitamin D, 25-Hydroxy
C-Reactive Protein, Cardiac
GGT
Insulin
Venipuncture
Magnesium, Serum
Reverse T3
Triiodothyronine, Free, Serum

Comp. Metabolic Panel (14)
CBG with Free Cortisol
Vitamin B12 and Folate
Dehydroepiandrosterone Sulfate
IGF-1
Hemoglobin Alc
Uric Acid, Serum
Thyroxine (T4)
Ferritin, Serum

Osmolality, Serum
Progesterone

Tests	Results	Units	Reference Interval	Lab
CBC With Differential/Platelet				
WBC	5.6	x10E3/uL	4.0-10.5	01
RBC	4.82	x10E6/uL	3.80-5.10	01
Hemoglobin	14.8	g/dL	11.5-15.0	01
Hematocrit	42.9	%	34.0-44.0	01
MCV	89	fL	80-98	01
MCH	30.8	pg	27.0-34.0	01
MCHC	34.5	g/dL	32.0-36.0	01
RDW	12.2	%	11.7-15.0	01
Platelets	244	x10E3/uL	140-415	01
Neutrophils	60	%	40-74	01
Lymphs	24	%	14-46	01
Monocytes	11	%	4-13	01
Eos	4	%	0-7	01
Basos	1	%	0-3	01
Neutrophils (Absolute)	3.4	x10E3/uL	1.8-7.8	01
Lymphs (Absolute)	1.3	x10E3/uL	0.7-4.5	01
Monocytes (Absolute)	0.6	x10E3/uL	0.1-1.0	01

Eos (Absolute)	0.2	x10E3/uL	0.0-0.4	01
Baso (Absolute)	0.1	x10E3/uL	0.0-0.2	01
Comp. Metabolic Panel (14)				
Glucose, Serum	95	mg/dL	65-99	01
BUN	24	mg/dL	5-26	01
Creatinine, Serum	0.76	mg/dL	0.57-1.00	01
eGFR	>59	mL/min/1.73	>59	
eGFR AfricanAmerican	>59	mL/min/1.73	>59	
Note: Persistent reduction for 3 months or more in an eGFR <60 mL/min/1.73 m ² defines CKD. Patients with eGFR values >/=60 mL/min/1.73 m ² may also have CKD if evidence of persistent proteinuria is present. Additional information may be found at www.kdoqi.org.				
BUN/Creatinine Ratio	32	H	8-27	
Sodium, Serum	141	mmol/L	135-145	01
Potassium, Serum	4.1	mmol/L	3.5-5.2	01
Chloride, Serum	106	mmol/L	97-108	01
Carbon Dioxide, Total	22	mmol/L	20-32	01
Calcium, Serum	10.2	mg/dL	8.5-10.6	01
Protein, Total, Serum	7.5	g/dL	6.0-8.5	01
Albumin, Serum	4.4	g/dL	3.5-5.5	01
Globulin, Total	3.1	g/dL	1.5-4.5	
A/G Ratio	1.4		1.1-2.5	
Bilirubin, Total	0.5	mg/dL	0.1-1.2	01
Alkaline Phosphatase, S	106	IU/L	25-150	01
AST (SGOT)	22	IU/L	0-40	01
ALT (SGPT)	33	IU/L	0-40	01
Lipid Panel				
Cholesterol, Total	226	H mg/dL	< 200 100-199	01
Triglycerides	164	H mg/dL	< 100 0-149	01
HDL Cholesterol	51	mg/dL	>39	01
Comment				
According to ATP-III Guidelines, HDL-C >59 mg/dL is considered a negative risk factor for CHD.				
VLDL Cholesterol Calc	33	mg/dL	5-40	
LDL Cholesterol Calc	142	H mg/dL	< 110 0-99	
CBG with Free Cortisol				
Cort.Bind.Glob. (CBG)	5.1	mg/dL		02
Reference Range:				
Older children and Adults: 2.3 - 3.9				
Estrogen Therapy and Pregnancy: >6.0				
*ASR - Analyte Specific Reagent				
This test was developed and its performance characteristics determined by Esoterix. It has not been cleared or approved by the U. S. Food and Drug Administration. The FDA has determined that such clearance is not necessary. This test is used for clinical purposes. It should not be regarded as investigational or for research. This laboratory is regulated under the Clinical Laboratory Improvement				

Amendment (CLIA) of 1988 as qualified to perform high complexity clinical testing.

Cortisol, Serum LCMS	14	ug/dL		02
Reference Range:				
Adults				
8:00 AM	8.0 - 19			
4:00 PM	4.0 - 11			
Free Cortisol, Serum	0.23	1+	ug/dL	02
Reference Range:				
Adults 8:00 AM:	0.2 - 1.8			
Percent Free Cortisol, Serum	1.7	%		02
Reference Range:				
Adults 8:00 am:	2.3 - 9.5			
Iron and TIBC				
Iron Bind.Cap. (TIBC)	322	ug/dL	250-450	
UIBC	196	ug/dL	150-375	01
Iron, Serum	126	ug/dL	35-155	01
Iron Saturation	39	%	15-55	
Vitamin B12 and Folate				
Vitamin B12	1324	H pg/mL	211-911	01
Folate (Folic Acid), Serum	>20.0	ng/mL	>5.4	01
		Indeterminate:	3.4 - 5.4	
		Deficient:	<3.4	
Testosterone, Free and Total				
Testosterone, Serum	32	ng/dL	6-82	01
Free Testosterone (Direct)	0.7	- 2+ pg/mL	0.0-2.2	03
Dehydroepiandrosterone Sulfate				
DHEA-Sulfate	95	ug/dL	26-200	03
		Please note reference interval change		
Estradiol	14.1	Low but normal - 40-50 pg/mL		01
Estradiol		Adult Female:		
		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		
IGF-1	132	- 200+ ng/mL	81-225	03
Insulin-Like Growth Factor I				
Vitamin D, 25-Hydroxy	45.9	80-90 ng/mL	32.0-100.0	01
Vitamin D, 25-Hydroxy				
		Recent studies consider the lower limit of 32.0 ng/mL to be a threshold for optimal health.		
		Hollis BW. J Nutr. 2005 Feb;135(2):317-22.		
Hemoglobin A1c				
Hemoglobin A1c	5.7	%	<7.0	01

Diabetic Adult <7.0
 Healthy Adult 4.8 - 5.9
 (DCCT/NGSP)

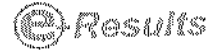
American Diabetes Association's Summary of Glycemic Recommendations for Adults with Diabetes:
 Hemoglobin A1c <7.0%. More stringent glycemic goals (A1c <6.0%) may further reduce complications at the cost of increased risk of hypoglycemia.

C-Reactive Protein, Cardiac		<1	Inflammation			
C-Reactive Protein, Cardiac	5.26	H	mg/L	0.00-3.00	01	
Relative Risk for Future Cardiovascular Event						
			Low	<1.00		
			Average	1.00 - 3.00		
			High	>3.00		
Uric Acid, Serum	4.6		mg/dL	2.4-8.2	01	
GGT	26		IU/L	0-60	01	
Thyroxine (T4)	9.7		ug/dL	4.5-12.0	01	
Insulin	13.5		uIU/mL	0.0-29.1	01	
Please note reference interval change						
Ferritin, Serum	109		ng/mL	10-291	01	
Magnesium, Serum	2.1		mg/dL	1.6-2.6	01	
Osmolality, Serum	296	H	mOs/kH2O	275-295	04	
Reverse T3	299		pg/mL	90-350	03	
Progesterone	7.5	Free	ng/mL		01	
			Follicular phase	0.2 - 1.5		
			Luteal phase	1.7 - 27.0		
			Ovulation phase	0.8 - 3.0		
			Postmenopausal	0.1 - 0.8		
Triiodothyronine, Free, Serum	8.4	H	pg/mL	2.0-4.4	01	

*** END OF REPORT ***

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For Inquiry Purpose Only.
 These results are considered preliminary and are not the final lab report.
 A final report will be provided via your current reporting mechanism.
 Laboratory Corporation of America



D to T3 / MT Combo
 † adrenal Support
 † VIT D
 † pro test?