

Specimen Number


26212918920

Control Number

62014824500

100%



Specimen # 262-129-1892-0	Lab SE	Time 09:38	Fasting Y	e-Results Patient Inquiry	
Additional Information			Volume		
Patient Name FRANKLIN		Sex M	Age 064/07	Clinical Information:	
Patient Address		DOB		Physician ID	Patient ID 24576
Control # 62014824500		Draw 09/18/08	Entered 09/19/08	Last Report 09/25/08	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 Prostate-Specific Ag, Serum IGF-1 Dehydroepiandrosterone Sulfate Hemoglobin A1c Thyroxine (T4) Osmolality, Serum Triiodothyronine, Free, Serum Venipuncture
Comp. Metabolic Panel (14) CBG with Free Cortisol Testosterone, Free and Total Vitamin D, 25-Hydroxy CEA TSH GGT  Insulin Candida Antibodies, Qual

Tests	Results	Units	Reference Interval	Lab
CBC with Differential/Platelet				
WBC	7.3	x10E3/uL	4.0-10.5	01
RBC	5.04	x10E6/uL	4.10-5.60	01
Hemoglobin	16.0	g/dL	12.5-17.0	01
Hematocrit	46.4	%	36.0-50.0	01
MCV	92	fL	80-98	01
MCH	31.8	pg	27.0-34.0	01
MCHC	34.5	g/dL	32.0-36.0	01
RDW	13.3	%	11.7-15.0	01
Platelets	280	x10E3/uL	140-415	01
Neutrophils	64	%	40-74	01
Lymphs	24	%	14-46	01
Monocytes	8	%	4-13	01
Eos	3	%	0-7	01
Basos	1	%	0-3	01
Neutrophils (Absolute)	4.7	x10E3/uL	1.8-7.8	01
Lymphs (Absolute)	1.8	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	104	H mg/dL	65-99	01
BUN	19	mg/dL	5-26	01

Creatinine, Serum	1.20	mg/dL	0.76-1.27	01
Glom Filt Rate, Est	>60	mL/min/1.73	60-137	
If African-American	>60	mL/min/1.73	60-137	

Note: Persistent reduction for 3 months or more in an eGFR <60 mL/min/1.73 m2 defines CKD. Patients with eGFR values >/=60 mL/min/1.73 m2 may also have CKD if evidence of persistent proteinuria is present. Additional information may be found at [www.kdoqi.org](http://www.kdoqi.org).

BUN/Creatinine Ratio	16		8-27	
Sodium, Serum	139	mmol/L	135-145	01
Potassium, Serum	4.3	mmol/L	3.5-5.2	01
Chloride, Serum	105	mmol/L	97-108	01
Carbon Dioxide, Total	23	mmol/L	20-32	01
Calcium, Serum	9.5	mg/dL	8.5-10.6	01
Protein, Total, Serum	7.3	g/dL	6.0-8.5	01
Albumin, Serum	4.6	g/dL	3.6-4.8	01
Globulin, Total	2.7	g/dL	1.5-4.5	
A/G Ratio	1.7		1.1-2.5	
Bilirubin, Total	1.0	mg/dL	0.1-1.2	01
Alkaline Phosphatase, S	52	IU/L	25-160	01
AST (SGOT)	20	IU/L	0-40	01
ALT (SGPT)	18	IU/L	0-55	01

Lipid Panel

▶ Cholesterol, Total	202	H mg/dL	100-199	01
Triglycerides	133	mg/dL	0-149	01
HDL Cholesterol	49	mg/dL	40-59	01
VLDL Cholesterol Calc	27	mg/dL	5-40	
▶ LDL Cholesterol Calc	126	H mg/dL	0-99	01

Comment

If initial LDL-cholesterol result is >100 mg/dL, assess for risk factors.

CBG with Free Cortisol

Cort.Bind.Glob.(CBG)	2.5	mg/dL		02
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Reference Range:

Older Children and Adults: 2.3 - 3.9

\*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 or Plasma	10	ug/dL		02
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Reference Range:

Adults

8:00 AM 8.0 - 19

4:00 PM 4.0 - 11				
Free Cortisol, Serum	0.45	ug/dL		02
Reference Range:				
Adults 8:00 AM: 0.2 - 1.8				
Percent Free Cortisol, Serum	4.5	%		02
Reference Range:				
Adults 8:00 am: 2.3 - 9.5				
Iron and TIBC				
Iron Bind.Cap.(TIBC)	355	ug/dL	250-450	
UIBC	238	ug/dL	150-375	01
Iron, Serum	117	ug/dL	40-155	01
Iron Saturation	33	%	15-55	
Testosterone,Free and Total				
Testosterone, Serum	278	ng/dL	241-827	01
Free Testosterone(Direct)	12.7	pg/mL	6.6-18.1	03
Prostate-Specific Ag, Serum				
Prostate Specific Ag, Serum	0.7	ng/mL	0.0-4.0	01
Roche ECLIA methodology.				

According to the American Urological Association, PSA should be undetectable after radical prostatectomy. A PSA of less than 0.5 ng/mL (or undetectable) is not likely to be associated with disease recurrence within five years of treatment. Values obtained with different assay methods or kits cannot be used interchangeably. Results cannot be interpreted as absolute evidence of the presence or absence of malignant disease.

Vitamin D, 25-Hydroxy				
Vitamin D, 25-Hydroxy	41.3	ng/mL	32.0-100.0	01
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.				

IGF-1				
▶ Insulin-Like Growth Factor I	246	H ng/mL	75-212	03 ◀
CEA				
CEA	1.2	ng/mL	0.0-2.5	01
		Bayer ICMA methodology	Nonsmokers <2.5	
			Smokers <5.0	
Dehydroepiandrosterone sulfate				
▶ DHEA-Sulfate	342	H ug/dL	42-290	03 ◀
TSH				
▶ TSH	0.029	L uIU/mL	0.450-4.500	01 ◀
Hemoglobin A1c				
Hemoglobin A1c	5.4	%	<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.

GGT	28	IU/L	0-65	01
Thyroxine (T4)	8.5	ug/dL	4.5-12.0	01
Osmolality, Serum	289	mOs/kH2O	275-295	04
Insulin	<2.0	uIU/mL	0.0-29.1	01
▶ Triiodothyronine, Free, Serum	6.3	H pg/mL	2.3-4.2	01 ◀
Candida Antibodies, Qual	Negative		Negative	03
*** 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.

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