



Specimen Number	Patient ID	Control Number	Account Number	Account Phone Number	Rte
Patient Last Name			Account Address		
Patient First Name		Patient Middle Name		Sonoran Naturopathic Center 9316 E Raintree Dr Ste 140 SCOTTSDALE, AZ 85260	
FRANK					
Patient SS#	Patient Phone	Total Volume			
Age (Y/M/D)	Date of Birth	Sex	Fasting	Additional Information	
		U			
Patient Address					
Date and Time Collected	Date Entered	Date and Time Reported	Physician Name	NPI	Physician ID
04/28/11 08:26	04/29/11	05/04/11 05:09ET	POPIEL, B	1194868570	POPIEL

Tests Ordered
 CBC With Differential/Platelet;Comp. Metabolic Panel (14);Lipid Panel;Dihydrotestosterone;Testosterone,Free and Total;Estradiol;Prostate-Specific Ag, Serum;Hemoglobin Alc;Please note

General Comments
 PID: 24576

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
CBC With Differential/Platelet					
WBC	6.8		x10E3/uL	4.0-10.5	01
RBC	5.86	High	x10E6/uL	3.80-5.60	01
Hemoglobin	18.6	High	g/dL	11.5-17.0	01
Hematocrit	53.8	High	%	34.0-50.0	01
MCV	92		fL	80-98	01
MCH	31.7		pg	27.0-34.0	01
MCHC	34.5		g/dL	32.0-36.0	01
RDW	13.1		%	11.7-15.0	01
Platelets	273		x10E3/uL	140-415	01
Neutrophils	60		%	40-74	01
Lymphs	25		%	14-46	01
Monocytes	10		%	4-13	01
Eos	4		%	0-7	01
Basos	1		%	0-3	01
Neutrophils (Absolute)	4.1		x10E3/uL	1.8-7.8	01
Lymphs (Absolute)	1.7		x10E3/uL	0.7-4.5	01
Monocytes (Absolute)	0.6		x10E3/uL	0.1-1.0	01
Eos (Absolute)	0.3		x10E3/uL	0.0-0.4	01
Baso (Absolute)	0.1		x10E3/uL	0.0-0.2	01
Comp. Metabolic Panel (14)					
Glucose, Serum	101 (90)	High	mg/dL	65-99	01
BUN	13		mg/dL	3-36	01
Creatinine, Serum	1.31	High	mg/dL	0.57-1.27	01
eGFR If NonAfrican Am			mL/min/1.73		01

Unable to calculate GFR. Age and/or sex not provided or age <18 years old.

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Date and Time Collected 04/28/11 08:26	Date Entered 04/29/11	Date and Time Reported 05/04/11 05:09ET	Physician Name POPIEL, B	NPI 1194868570	Physician ID POPIEL

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
eGFR If African Am			mL/min/1.73		01
Unable to calculate GFR. Age and/or sex not provided or age <18 years old.					
Note: A persistent eGFR <60 mL/min/1.73 m2 (3 months or more) may indicate chronic kidney disease. An eGFR >59 mL/min/1.73 m2 with an elevated urine protein also may indicate chronic kidney disease. Calculated using CKD-EPI formula.					
BUN/Creatinine Ratio	10			8-27	01
Sodium, Serum	137		mmol/L	135-145	01
Potassium, Serum	4.3		mmol/L	3.5-5.2	01
Chloride, Serum	102		mmol/L	97-108	01
Carbon Dioxide, Total	26		mmol/L	20-32	01
Calcium, Serum	9.2		mg/dL	8.6-10.2	01
Protein, Total, Serum	6.8		g/dL	6.0-8.5	01
Albumin, Serum	4.5		g/dL	3.5-5.5	01
Globulin, Total	2.3		g/dL	1.5-4.5	01
A/G Ratio	2.0			1.1-2.5	01
Bilirubin, Total	0.8		mg/dL		01
Newborns, term and near term:					
24 hours old: 0.0 - 8.0					
48 hours old: 0.0 - 13.2					
72 hours old: 0.0 - 15.6					
96 hours to 1 month old: 0.0 - 16.6					
Children 1 month and older and Adults: 0.0 - 1.2					
Alkaline Phosphatase, S	70		IU/L	25-165	01
AST (SGOT)	23		IU/L	0-40	01
ALT (SGPT)	28		IU/L		01
Male 0 - 55					
Female 0 - 40					
Lipid Panel					
Cholesterol, Total	207	High	mg/dL	100-199	01
Triglycerides	180	High	mg/dL	0-149	01
HDL Cholesterol	54		mg/dL	>39	01
According to ATP-III Guidelines, HDL-C >59 mg/dL is considered a negative risk factor for CHD.					

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TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
VLDL Cholesterol Cal	36		mg/dL	5-40	01
LDL Cholesterol Calc	117	High	mg/dL	0-99	01
Dihydrotestosterone	144		ng/dL	60-10	02

Reference Range:

Note: The patient's date of birth (DOB) and/or gender was not provided. Consequently, a complete set of reference range data is shown. When DOB and/or gender is provided, only the appropriate age/gender reference range is printed.

Age Range

Males

Premature 10 - 53

Full-term 5 - 60

2w - 6m: Levels decreases rapidly the first week then increases to 12 - 85 between 30 - 60 days. Levels then decrease gradually to less than 3 by seven months.

Prepubertal <3

Adult 30 - 85

Females

Premature 2 - 13

Full-term <2 - 15

2w - 6m: Levels decrease during the first month to <3 and remain there until puberty.

Adult 4 - 22

See Esoterix Directory of Services or contact laboratory for age related normals in puberty.

Testosterone, Free and Total

Testosterone, Serum

1212

700-900

ng/dL

01

MALE TANNER STAGE

FEMALE TANNER STAGE

1	<3
2	<3 - 432
3	65 - 778
4	180 - 763
5	188 - 882

1	<3 - 6
2	<3 - 10
3	<3 - 24
4	<3 - 27
5	5 - 38

MALE ADULT

FEMALE ADULT

20-49 years	249 - 836
>49 years	193 - 740

20-49 years	8 - 48
>49 years	3 - 41

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Free Testosterone (Direct)	28.2 <i>70-75</i>	High	pg/mL	0.0-26.5	03
Estradiol	65.6 <i>25-30</i>		pg/mL		01
Estradiol	Adult Male:	7.6 -	42.6		
	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		
	Children (1-10 years):				
	Boys	<6.0 -	20.0		
	Girls	6.0 -	27.0		

Roche ECLIA methodology

Prostate-Specific Ag, Serum

Prostate Specific Ag, Serum	0.8		ng/mL	0.0-4.0	01
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Roche ECLIA methodology.

According to the American Urological Association, Serum PSA should decrease and remain at undetectable levels after radical prostatectomy. The AUA defines biochemical recurrence as an initial PSA value 0.2 ng/mL or greater followed by a subsequent confirmatory PSA value 0.2 ng/mL or greater.

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.

Hemoglobin Alc

Hemoglobin Alc	5.2		%	4.8-5.6	01
	Increased risk for diabetes:	5.7 -	6.4		
	Diabetes:		>6.4		
	Glycemic control for adults with diabetes:		<7.0		

Please note

Please note

01

The date and/or time of collection was not indicated on the requisition as required by state and federal law. The date of receipt of the specimen was used as the collection date if not supplied.

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01	SE LabCorp Seattle 550 17th Avenue Ste 300, Seattle, WA 981225789	Dir: Mantei, Kristin MD
For inquiries, the physician may contact: Branch: 206-861-7000		Lab: 206-861-7000
02	ES Esoterix Endocrinology 4301 Lost Hills Road, Calabasas Hills, CA	Dir: Pepkowitz, Samuel MD
For inquiries, the physician may contact: Branch: 800-444-9111		Lab: 800-444-9111
03	BN LabCorp Burlington 1447 York Court, Burlington, NC 272153361	Dir: Hancock, William F MD
For inquiries, the physician may contact: Branch: 800-762-4344		Lab: 800-762-4344

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