Mitchell, Jason
Patient ID: **MIT0907197**
Specimen ID: **275-141-4165-0**

DOB: **09/07/1970**
Age: **54**
Sex: **Male**

Patient Report
Account Number: **19025580**
Ordering Physician: **M SIVIERI**

labcorp

Date Collected: **10/01/2024** Date Received: **10/01/2024** Date Reported: **10/14/2024** Fasting: **No**

Ordered Items: **CBC With Differential/Platelet; Comp. Metabolic Panel (14); ANA 12Plus Profile, Do All RDL; Urinalysis, Complete; Iron and TIBC; Immunoglobulins A/E/G/M, Serum; Candida Antibodies IgG,IgA,IgM; FSH and LH; Hgb A1c with eAG Estimation; Testosterone,Free and Total; Thyroxine (T4) Free, Direct; Folate (Folic Acid), Serum; DHEA-Sulfate; Cortisol; TSH; Complement C4a; Estradiol; Prostate-Specific Ag; IGF-1; Reverse T3, Serum; Vitamin D, 25-Hydroxy; EBV Early Antigen Ab, IgG; D-Dimer; Histamine Determination, Blood; Sedimentation Rate-Westergren; Vitamin B12; Ferritin; C-Reactive Protein, Quant; Ammonia, Plasma; Urine Culture, Routine; Triiodothyronine (T3), Free; Venipuncture**

General Comments & Additional Information

Clinical Info: SRC:UC

Date Collected: **10/01/2024**

CBC With Differential/Platelet

	Test	Current Result and Flag		Previous Result and Date	Units	Reference Interval
	WBC [01]	5.2			x10E3/uL	3.4-10.8
▼	**RBC** [01]	**4.13**	**Low**		x10E6/uL	4.14-5.80
▼	**Hemoglobin** [01]	**12.4**	**Low**		g/dL	13.0-17.7
▼	**Hematocrit** [01]	**36.4**	**Low**		%	37.5-51.0
	MCV [01]	88			fL	79-97
	MCH [01]	30.0			pg	26.6-33.0
	MCHC [01]	34.1			g/dL	31.5-35.7
	RDW [01]	13.7			%	11.6-15.4
	Platelets [01]	205			x10E3/uL	150-450
	Neutrophils [01]	73			%	Not Estab.
	Lymphs [01]	14			%	Not Estab.
	Monocytes [01]	9			%	Not Estab.
	Eos [01]	2			%	Not Estab.
	Basos [01]	1			%	Not Estab.
	Neutrophils (Absolute) [01]	3.8			x10E3/uL	1.4-7.0
	Lymphs (Absolute) [01]	0.7			x10E3/uL	0.7-3.1
	Monocytes(Absolute) [01]	0.5			x10E3/uL	0.1-0.9
	Eos (Absolute) [01]	0.1			x10E3/uL	0.0-0.4
	Baso (Absolute) [01]	0.0			x10E3/uL	0.0-0.2
	Immature Granulocytes [01]	1			%	Not Estab.
	Immature Grans (Abs) [01]	0.0			x10E3/uL	0.0-0.1

Comp. Metabolic Panel (14)

	Test	Current Result and Flag		Previous Result and Date	Units	Reference Interval
▲	**Glucose** [01]	**102**	**High**		mg/dL	70-99
	BUN [01]	15			mg/dL	6-24
	Creatinine [01]	0.96			mg/dL	0.76-1.27
	eGFR	94			mL/min/1.73	>59
	BUN/Creatinine Ratio	16				9-20
	Sodium [01]	138			mmol/L	134-144

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Comp. Metabolic Panel (14) (Cont.)

Potassium [01]	4.0	mmol/L	3.5-5.2
Chloride [01]	100	mmol/L	96-106
Carbon Dioxide, Total [01]	24	mmol/L	20-29
Calcium [01]	9.1	mg/dL	8.7-10.2
Protein, Total [01]	6.0	g/dL	6.0-8.5
Albumin [01]	4.1	g/dL	3.8-4.9
Globulin, Total	1.9	g/dL	1.5-4.5
Bilirubin, Total [01]	0.3	mg/dL	0.0-1.2
Alkaline Phosphatase [01]	67	IU/L	44-121
AST (SGOT) [01]	16	IU/L	0-40
ALT (SGPT) [01]	16	IU/L	0-44

ANA 12Plus Profile, Do All RDL

	Test	Current Result and Flag		Previous Result and Date	Units	Reference Interval
▶	**Anti-Nuclear Ab by IFA (RDL)** [A, 02]	**Positive**	**Abnormal**			Negative
▲	**Speckled Pattern** [A, 02]	**1:80**	**High**			<1:40
▲	**Midbody Pattern** [A, 02]	**1:80**	**High**			<1:40
	Note: [02]	ANA performed by Indirect Fluorescent Antibody (IFA)				
	Anti-Centromere Ab by IFA(RDL) [02]	<1:40				<1:40
	Anti-dsDNA Ab by Farr(RDL) [A, 02]	<8.0			IU/mL	<8.0
	Anti-Sm Ab (RDL) [02]	<20			Units	<20
	Anti-U1 RNP Ab (RDL) [02]	<20			Units	<20
	Anti-Ro (SS-A) Ab (RDL) [02]	<20			Units	<20
	Anti-La (SS-B) Ab (RDL) [02]	<20			Units	<20
	Anti-Scl-70 Ab (RDL) [02]	<20			Units	<20
	Anti-Cardiolipin Ab, IgG (RDL) [02]	Will Follow				
	Anti-Cardiolipin Ab, IgA (RDL) [02]	Will Follow				
	Anti-Cardiolipin Ab, IgM (RDL) [02]	Will Follow				
	C3 Complement (RDL) [02]	92			mg/dL	82-167
	C4 Complement (RDL) [02]	20			mg/dL	14-44
	Anti-TPO Ab (RDL) [02]	<9.0			IU/mL	<9.0
	Anti-Chromatin Ab, IgG (RDL) [02]	Will Follow				
	Anti-CCP Ab, IgG + IgA (RDL) [A, 02]	<20			Units	<20
	Rheumatoid Factor by Turb RDL [02]	<14			IU/mL	<14

```
Interpretation for Anti-Sm, Anti-U1 RNP, Anti-Ro,
 Anti-La:
     Negative:                          <20
     Weak Positive:                  20 - 39
     Moderate Positive:              40 - 80
     Strong Positive:                   >80
Interpretation for Anti-CCP Ab, IgG / IgA:
     Negative:                          <20
     Weak Positive:                  20 - 39
```


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ANA 12Plus Profile, Do All RDL (Cont.)

```
          Moderate Positive:                  40 - 59
          Strong Positive:                       >59
     Interpretation for Anti-Cardiolipin Ab:
      Negative:              GPL <15, APL <12, MPL <13
      Indeterminate:    GPL 15-20, APL 12-20, MPL 13-20
      Low Positive:          GPL, APL, MPL    >20 - 40
      Med Positive:          GPL, APL, MPL    >40 - 80
      High Positive:         GPL, APL, MPL         >80
SLE classification criteria are based on Med to High
titer (>40) Anti-Cardiolipin Ab (aCL). aCL may be
elevated transiently with certain infections and may
increase spuriously in the presence of rheumatoid
factor.
```

Urinalysis, Complete

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Urinalysis Gross Exam [01]				
Specific Gravity [01]	1.020			1.005-1.030
pH [01]	6.0			5.0-7.5
Urine-Color [01]	Yellow			Yellow
Appearance [01]	Clear			Clear
WBC Esterase [01]	Negative			Negative
Protein [01]	Trace			Negative/Trace
Glucose [01]	Negative			Negative
Ketones [01]	Negative			Negative
Occult Blood [01]	Negative			Negative
Bilirubin [01]	Negative			Negative
Urobilinogen,Semi-Qn [01]	0.2		mg/dL	0.2-1.0
Nitrite, Urine [01]	Negative			Negative
Microscopic Examination [01]	Microscopic follows if indicated.			
Microscopic Examination [01]	See below: Microscopic was indicated and was performed.			
WBC [01]	None seen		/hpf	0 - 5
RBC [01]	None seen		/hpf	0 - 2
Epithelial Cells (non renal) [01]	None seen		/hpf	0 - 10
Casts [01]	None seen		/lpf	None seen
Bacteria [01]	None seen			None seen/Few

Iron and TIBC

Test	Current Result and Flag		Previous Result and Date	Units	Reference Interval
▼ **Iron Bind.Cap.(TIBC)**	**218**	**Low**		ug/dL	250-450
UIBC [01]	167			ug/dL	111-343
Iron [01]	51			ug/dL	38-169
Iron Saturation	23			%	15-55

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Immunoglobulins A/E/G/M, Serum

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Immunoglobulin G, Qn, Serum [01]	1015		mg/dL	603-1613
Immunoglobulin A, Qn, Serum [01]	101		mg/dL	90-386
Immunoglobulin M, Qn, Serum [01]	32		mg/dL	20-172
Immunoglobulin E, Total [01]	20		IU/mL	6-495

Candida Antibodies IgG,IgA,IgM

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Candida Antibodies IgG [B, 01]	Negative			Negative
Candida Antibodies IgM [B, 01]	Negative	**Please note reference interval change**		Negative
Candida Antibodies IgA [B, 01]	Negative	**Please note reference interval change**		Negative

FSH and LH

Test	Current Result and Flag		Previous Result and Date	Units	Reference Interval
▲ **LH** [01]	**16.2**	**High**		mIU/mL	1.7-8.6
▲ **FSH** [01]	**16.9**	**High**		mIU/mL	1.5-12.4

Hgb A1c with eAG Estimation

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Hemoglobin A1c [01]	5.4		%	4.8-5.6
Please Note: [01]	Prediabetes: 5.7 - 6.4 Diabetes: >6.4 Glycemic control for adults with diabetes: <7.0			
Estim. Avg Glu (eAG)	108		mg/dL	

Testosterone,Free and Total

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Testosterone [01]	766 Adult male reference interval is based on a population of healthy nonobese males (BMI <30) between 19 and 39 years old. Travison, et.al. JCEM 2017,102;1161-1173. PMID: 28324103.		ng/dL	264-916
Free Testosterone(Direct) [01]	17.8		pg/mL	7.2-24.0

Thyroxine (T4) Free, Direct

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
T4,Free(Direct) [01]	1.13		ng/dL	0.82-1.77

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Date Collected: **10/01/2024**

Folate (Folic Acid), Serum

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Folate (Folic Acid), Serum [01]	8.2		ng/mL	>3.0
Note: [01]	A serum folate concentration of less than 3.1 ng/mL is considered to represent clinical deficiency.			

DHEA-Sulfate

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ **DHEA-Sulfate** [01]	**591.0 High**		ug/dL	71.6-375.4

Cortisol

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Cortisol [01]	18.7		ug/dL	6.2-19.4
	Please Note: The reference interval and flagging for this test is for an AM collection. If this is a PM collection please use: Cortisol PM: 2.3-11.9			

TSH

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
TSH [01]	0.501		uIU/mL	0.450-4.500

Complement C4a

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ **Complement C4a** [C, 01]	**7831.8 High**		ng/mL	152.0-1559.4
	Results verified by repeat testing			

Estradiol

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Estradiol [01]	34.7		pg/mL	7.6-42.6
	Roche ECLIA methodology			

Prostate-Specific Ag

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Prostate Specific Ag [01]	2.1		ng/mL	0.0-4.0
	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.			

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IGF-1

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Insulin-Like Growth Factor I [01]	100		ng/mL	74-255

Reverse T3, Serum

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Reverse T3, Serum [D, 01]	18.8		ng/dL	9.2-24.1

Vitamin D, 25-Hydroxy

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Vitamin D, 25-Hydroxy [01]	45.8		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.

EBV Early Antigen Ab, IgG

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
EBV Early Antigen Ab, IgG [01]	<9.0		U/mL	0.0-8.9

Negative	< 9.0
Equivocal	9.0 - 10.9
Positive	>10.9

D-Dimer

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ **D-Dimer** [01]	**0.55** **High**		mg/L FEU	0.00-0.49

According to the assay manufacturer's published package insert, a normal (<0.50 mg/L FEU) D-dimer result in conjunction with a non-high clinical probability assessment, excludes deep vein thrombosis (DVT) and pulmonary embolism (PE) with high sensitivity.
D-dimer values increase with age and this can make VTE exclusion of an older population difficult. To address this, the American College of Physicians, based on best available evidence and recent guidelines, recommends that clinicians use age-adjusted D-dimer thresholds in patients greater than 50 years of age with: a) a low probability of PE who do not meet all Pulmonary Embolism Rule Out Criteria, or b) in those with intermediate probability of PE. The formula for an age-adjusted D-dimer cut-off is "age/100". For example, a 60 year old patient would have an age-adjusted cut-off of 0.60 mg/L FEU and an 80 year old 0.80 mg/L FEU.

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Histamine Determination, Blood

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Histamine Determination, Blood [E, 01]	72		ng/mL	12-127

Sedimentation Rate-Westergren

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Sedimentation Rate-Westergren [01]	5		mm/hr	0-30

Vitamin B12

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Vitamin B12 [01]	434		pg/mL	232-1245

Ferritin

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Ferritin [01]	136		ng/mL	30-400

C-Reactive Protein, Quant

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
C-Reactive Protein, Quant [01]	4		mg/L	0-10

Ammonia, Plasma

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Ammonia, Plasma [01]	62		ug/dL	40-200

Urine Culture, Routine

Test	Current Result and Flag	Units	Reference Interval
Urine Culture, Routine [01]	Final report		
Result 1 [01]	Culture shows less than 10,000 colony forming units of bacteria per milliliter of urine. This colony count is not generally considered to be clinically significant.		

Triiodothyronine (T3), Free

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Triiodothyronine (T3), Free [01]	2.5		pg/mL	2.0-4.4

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

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Comments (Cont.)
Administration.
B: Results of this test are labeled for research purposes only by the assay's manufacturer. The performance characteristics of this assay have not been established by the manufacturer. The result should not be used for treatment or for diagnostic purposes without confirmation of the diagnosis by another medically established diagnostic product or procedure. The performance characteristics were determined by Labcorp.
C: 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.
D: This test was developed and its performance characteristics determined by Labcorp. It has not been cleared or approved by the Food and Drug Administration.
E: 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: BN - Labcorp Burlington, 1447 York Court, Burlington, NC 27215-3361 Dir: Sanjai Nagendra, MD
02: ESECF - Esoterix Inc, 4301 Lost Hills Road, Calabasas Hills, CA 91301-5358 Dir: Brian Poirier, MD
For Inquiries, the physician may contact Branch: 800-631-5250 Lab: 800-762-4344

Patient Details
Mitchell, Jason
11109 YOUNGTREE CT, COLUMBIA, MD, 21044

Phone: **443-367-0295**
Date of Birth: **09/07/1970**
Age: **54**
Sex: **Male**
Patient ID: **MIT0907197**
Alternate Patient ID: **MIT09071970**

Physician Details
M SIVIERI
Turning Point Integrative
185 Harry S Truman Pkwy Ste 108, Annapolis, MD, 21401

Phone: **443-951-4300**
Account Number: **19025580**
Physician ID:
NPI: **1992701742**

Specimen Details
Specimen ID: **275-141-4165-0**
Control ID: **20507210544**
Alternate Control Number:
Date Collected: **10/01/2024 1533 Local**
Date Received: **10/01/2024 0000 ET**
Date Entered: **10/01/2024 1635 ET**
Date Reported: **10/14/2024 1636 ET**

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