19025580 (410) 312-5280
Turning Point Integrative Health Center
10005 Old Columbia Rd Suite P170
Columbia MD 21046

LABORATORY REPORT

LabCorp
Laboratory Corporation of America

LabCorp Burlington
1447 York Court, Burlington NC 272153361
(888) 200-5439 Director: DIRECTOR: Frank Hancock MD
CLIA# BN

Patient Name						
MITCHELL, JASON						
Patient ID/Hospital ID	Sex	Age	Patient Birth Date	Patient Phone Number	Physician	
MIT0907197	**M**	**51**	**9/7/1970**	**(301) 502-6884**	**Sivieri, Mark**	
Page	Requisition No.	Accession No.	Collection Date & Time	Log-in Date & Time	Report Date & Time	REPORT STATUS
1	**20507208182**	**16670625840**	**6/15/2022 2:50 PM**	**6/15/2022**	**6/27/2022 5:35 AM**	**FINAL**

TEST	IN RANGE	OUT OF RANGE	REFERENCE RANGE	UNITS	SITE CODE

COMMENT:

PATIENT NOT FASTING
Test(s) 520073-Anti-Nuclear Ab by IFA (RDL); 520074-Homogeneous Pattern; 520076-Nucleolar Pattern; 520233-Speckled Pattern; 520234-Centromere Pattern; 520235-Spindle Apparatus Pattern; 520236-Nuclear Membrane Pattern; 520237-Midbody Pattern; 520238-Nuclear Dot Pattern; 520239-PCNA Pattern; 520240-Centriole Pattern; 520060-Anti-dsDNA Ab by Farr(RDL); 520221-Anti-Scl-70 Ab (RDL); 520226-Anti-CCP Ab, IgG / IgA (RDL)
was developed and its performance characteristics determined by Labcorp. It has not been cleared or approved by the Food and Drug Administration.
Test(s) 163140-Candida Antibodies IgG; 163141-Candida Antibodies IgM; 163142-Candida Antibodies IgA
results 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.
Test(s) 070035-Iodine, Serum or Plasma
was developed and its performance characteristics determined by Labcorp. It has not been cleared or approved by the Food and Drug Administration.

Comp. Metabolic Panel (14)

Glucose		**H 108**	**65-99**	**mg/dL**	**BN**
BUN	23		6-24	mg/dL	BN
Creatinine	0.91		0.76-1.27	mg/dL	BN
eGFR	102		>59	mL/min/1.73	BN
BUN/Creatinine Ratio		**H 25**	**9-20**		**BN**
Sodium	140		134-144	mmol/L	BN
Potassium	4.0		3.5-5.2	mmol/L	BN
Chloride	101		96-106	mmol/L	BN
Carbon Dioxide, Total	20		20-29	mmol/L	BN
Calcium	9.2		8.7-10.2	mg/dL	BN
Protein, Total	6.9		6.0-8.5	g/dL	BN
Albumin	4.6		3.8-4.9	g/dL	BN
Globulin, Total	2.3		1.5-4.5	g/dL	BN
A/G Ratio	2.0		1.2-2.2		BN
Bilirubin, Total	0.5		0.0-1.2	mg/dL	BN
Alkaline Phosphatase	90		44-121	IU/L	BN
AST (SGOT)	18		0-40	IU/L	BN
ALT (SGPT)	20		0-44	IU/L	BN

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TEST	IN RANGE	OUT OF RANGE	REFERENCE RANGE	UNITS	SITE CODE
ANA 12Plus Profile, Do All RDL					
Anti-Nuclear Ab by IFA (RDL)		**A Positive**	**Negative**		**ESECF**
Anti-Centromere Ab (RDL)	<1:40		<1:40		ESECF
Anti-dsDNA Ab by Farr(RDL)	<8.0		<8.0	IU/mL	ESECF
Anti-Sm Ab (RDL)	<20		<20	Units	ESECF
Anti-U1 RNP Ab (RDL)	<20		<20	Units	ESECF
Anti-Ro (SS-A) Ab (RDL)	<20		<20	Units	ESECF
Anti-La (SS-B) Ab (RDL)	<20		<20	Units	ESECF
Anti-Scl-70 Ab (RDL)	<20		<20	Units	ESECF
Anti-Cardiolipin Ab, IgG (RDL)	<15		<15	GPL U/mL	ESECF
Anti-Cardiolipin Ab, IgA (RDL)	<12		<12	APL U/mL	ESECF
Anti-Cardiolipin Ab, IgM (RDL)	<13		<13	MPL U/mL	ESECF
C3 Complement (RDL)	137		82-167	mg/dL	ESECF
C4 Complement (RDL)	30		14-44	mg/dL	ESECF
Anti-TPO Ab (RDL)	<9.0		<9.0	IU/mL	ESECF
Anti-Chromatin Ab, IgG (RDL)	<20		<20	Units	ESECF
Anti-CCP Ab, IgG / IgA (RDL)	<20		<20	Units	ESECF
Rheumatoid Factor by Turb RDL	<14		<14	IU/mL	ESECF

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

ANA Titer and Pattern

Homogeneous Pattern — ESECF

Testing could not be performed. Test cancelled.

Nucleolar Pattern — ESECF

Testing could not be performed. Test cancelled.

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TEST	IN RANGE	OUT OF RANGE	REFERENCE RANGE	UNITS	SITE CODE
ANA Titer and Pattern (CONTINUED)					
Speckled Pattern					ESECF
Testing could not be performed. Test cancelled.					
Centromere Pattern					ESECF
Testing could not be performed. Test cancelled.					
Spindle Apparatus Pattern					ESECF
Testing could not be performed. Test cancelled.					
Nuclear Membrane Pattern					ESECF
Testing could not be performed. Test cancelled.					
Midbody Pattern					**ESECF**
1:160					
Nuclear Dot Pattern					ESECF
Testing could not be performed. Test cancelled.					
PCNA Pattern					ESECF
Testing could not be performed. Test cancelled.					
Centriole Pattern					ESECF
Testing could not be performed. Test cancelled.					
Note:					ESECF
ANA performed by Indirect Fluorescent Antibody (IFA)					
Urinalysis, Complete					
Specific Gravity	1.018		1.005-1.030		BN
pH	5.5		5.0-7.5		BN
Urine-Color	Yellow		Yellow		BN
Appearance	Clear		Clear		BN
WBC Esterase	Negative		Negative		BN
Protein	Negative		Negative/Trace		BN
Glucose	Negative		Negative		BN
Ketones	Negative		Negative		BN
Occult Blood	Negative		Negative		BN
Bilirubin	Negative		Negative		BN
Urobilinogen,Semi-Qn	0.2		0.2-1.0	mg/dL	BN
Nitrite, Urine	Negative		Negative		BN
Microscopic Examination	MICRON				BN
Microscopic follows if indicated.					
	See below:				

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Urinalysis, Complete (CONTINUED)					
Microscopic was indicated and was performed.					
Microscopic Examination					
WBC	None seen		0 - 5	/hpf	BN
RBC	None seen		0 - 2	/hpf	BN
Epithelial Cells (non renal)	None seen		0 - 10	/hpf	BN
Epithelial Cells (renal)					BN
Testing could not be performed. Test cancelled.					
Casts	None seen		None seen	/lpf	BN
Cast Type					BN
Testing could not be performed. Test cancelled.					
Crystals					BN
Testing could not be performed. Test cancelled.					
Crystal Type					BN
Testing could not be performed. Test cancelled.					
Mucus Threads					BN
Testing could not be performed. Test cancelled.					
Bacteria	None seen		None seen/Few		BN
Yeast					BN
Testing could not be performed. Test cancelled.					
Trichomonas					BN
Testing could not be performed. Test cancelled.					
Comment					BN
Testing could not be performed. Test cancelled.					
Porphyrins, Qn, Random U					
Uroporphyrins (UP)	5		0-20	ug/L	BN
Heptacarboxyl (7-CP)	<1		0-2	ug/L	BN
Hexacarboxyl (6-CP)	<1		0-1	ug/L	BN
Pentacarboxyl (5-CP)	<1		0-2	ug/L	BN
Coproporphyrin (CP) I	13		0-15	ug/L	BN
Coproporphyrin (CP) III	12		0-49	ug/L	BN
Immunoglobulins A/E/G/M, Serum					
Immunoglobulin G, Qn, Serum	993		603-1613	mg/dL	BN

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TEST	IN RANGE	OUT OF RANGE	REFERENCE RANGE	UNITS	SITE CODE
Immunoglobulins A/E/G/M, Serum (CONTINUED)					
Immunoglobulin A, Qn, Serum	113		90-386	mg/dL	BN
Immunoglobulin M, Qn, Serum	42		20-172	mg/dL	BN
Immunoglobulin E, Total	21		6-495	IU/mL	BN
Candida Antibodies IgG,IgA,IgM					
Candida Antibodies IgG	Negative		Negative		BN
Candida Antibodies IgM	Negative		Negative		BN
	Please note reference interval change				
Candida Antibodies IgA	Negative		Negative		BN
	Please note reference interval change				
FSH and LH					
LH		**H 12.7**	**1.7-8.6**	**mIU/mL**	**BN**
FSH		**H 18.9**	**1.5-12.4**	**mIU/mL**	**BN**
Hgb A1c with eAG Estimation					
Hemoglobin A1c	5.5		4.8-5.6	%	BN
Prediabetes: 5.7 - 6.4 Diabetes: >6.4 Glycemic control for adults with diabetes: <7.0					
Estim. Avg Glu (eAG)	111			mg/dL	BN
Testosterone,Free and Total					
Testosterone	736		264-916	ng/dL	BN
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.					
Free Testosterone(Direct)	13.3		7.2-24.0	pg/mL	BN
Trans. Growth Fact. beta 1*	4778		867-6662	pg/mL	EURKS
The result is reported in pg/mL. The assay range is approximately 150 to 50,000. The reference range for a healthy population is 867-6662. However it should be noted that these ranges are obtained from a limited population of apparently healthy adults and are not diagnostic					

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(888) 200-5439 Director: DIRECTOR: Frank Hancock MD

Patient Name

MITCHELL, JASON **CLIA# BN**

Patient ID/Hospital ID	Sex	Age	Patient Birth Date	Patient Phone Number	Physician	
MIT0907197	**M**	**51**	**9/7/1970**	**(301) 502-6884**	**Sivieri, Mark**	
Page	**Requisition No.**	**Accession No.**	**Collection Date & Time**	**Log-in Date & Time**	**Report Date & Time**	**REPORT STATUS**
6	**20507208182**	**16670625840**	**6/15/2022 2:50 PM**	**6/15/2022**	**6/27/2022 5:35 AM**	**FINAL**

TEST	IN RANGE	OUT OF RANGE	REFERENCE RANGE	UNITS	SITE CODE
Trans. Growth Fact. beta 1* (CONTINUED)					
thresholds. *This test was developed and its performance characteristics determined by Eurofins Viracor. It has not been cleared or approved by the U.S. Food and Drug Administration.					
Thyroxine (T4) Free, Direct					
T4,Free(Direct)		**L 0.79**	**0.82-1.77**	**ng/dL**	**BN**
Folate (Folic Acid), Serum	10.3		>3.0	ng/mL	BN
A serum folate concentration of less than 3.1 ng/mL is considered to represent clinical deficiency.					
Cortisol	13.4			ug/dL	BN
Cortisol AM 6.2 - 19.4 Cortisol PM 2.3 - 11.9					
TSH		**L 0.022**	**0.450-4.500**	**uIU/mL**	**BN**
Prostate-Specific Ag					
Prostate Specific Ag	3.8		0.0-4.0	ng/mL	BN
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.					
IGF-1					
Insulin-Like Growth Factor I		**L 43**	**74-255**	**ng/mL**	**BN**
VIP, Plasma	44.5		0.0-58.8	pg/mL	BN
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.					
Iodine, Serum or Plasma		**L 28.8**	**40.0-92.0**	**ug/L**	**BN**

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TEST	IN RANGE	OUT OF RANGE	REFERENCE RANGE	UNITS	SITE CODE
Iodine, Serum or Plasma (CONTINUED)					
		Limit of quantitation = 20			
Vitamin D, 25-Hydroxy	50.9		30.0-100.0	ng/mL	BN
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.					
D-Dimer		**H 0.66**	**0.00-0.49**	**mg/L FEU**	**BN**
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.					
Homocyst(e)ine	14.3		0.0-14.5	umol/L	BN
Uric Acid	6.6		3.8-8.4	mg/dL	BN
Therapeutic target for gout patients: <6.0					
Histamine Determination, Blood	100		12-127	ng/mL	BN
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.					
Sedimentation Rate-Westergren	6		0-30	mm/hr	BN

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Patient ID/Hospital ID MIT0907197	Sex M	Age 51	Patient Birth Date 9/7/1970	Patient Phone Number (301) 502-6884	Physician Sivieri, Mark	
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TEST	IN RANGE	OUT OF RANGE	REFERENCE RANGE	UNITS	SITE CODE
Lipase	37		13-78	U/L	BN
C-Reactive Protein, Quant	3		0-10	mg/L	BN
Ammonia, Plasma	77		40-200	ug/dL	BN
Triiodothyronine (T3), Free		**H 7.1**	**2.0-4.4**	**pg/mL**	**BN**
Melanocyte Stimulating Hormone	12		0-40	pg/mL	BN

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ADDITIONAL TEST INFORMATION:

Test	Status
ANA 12Plus Profile, Do All RDL	F
ANA Titer and Pattern	F
Ammonia, Plasma	F
C-Reactive Protein, Quant	F
Candida Antibodies IgG,IgA,IgM	F
Comp. Metabolic Panel (14)	F
Cortisol	F
D-Dimer	F
FSH and LH	F
Folate (Folic Acid), Serum	F
Hgb A1c with eAG Estimation	F
Histamine Determination, Blood	F
Homocyst(e)ine	F
IGF-1	F
Immunoglobulins A/E/G/M, Serum	F
Iodine, Serum or Plasma	F
Lipase	F
Melanocyte Stimulating Hormone	F
Microscopic Examination	F
Porphyrins, Qn, Random U	F
Prostate-Specific Ag	F
Sedimentation Rate-Westergren	F
TSH	F
Testosterone,Free and Total	F
Thyroxine (T4) Free, Direct	F
Trans. Growth Fact. beta 1*	F
Triiodothyronine (T3), Free	F
Uric Acid	F
Urinalysis, Complete	F
VIP, Plasma	F
Vitamin D, 25-Hydroxy	F

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NOTE:

'BN' refers to site: Labcorp Burlington
1447 York Court
Burlington NC 272153361
Director: Sanjai Nagendra MD

'ESECF' refers to site: Esoterix Inc
4301 Lost Hills Road
Calabasas Hills CA 913015358
Director: Brian F Poirier MD

'EURKS' refers to site: Eurofins Viracor LLC
18000 W 99th Street
Lenexa KS 662191233
Director: BROCK R Neil PhD

>> END REPORT <<