



[Redacted]

Patient Name [Redacted]		Requesting Physician [Redacted]	
Sex/Species M	Age 40 Yrs	Acc [Redacted]	
Patient Phone [Redacted]	Patient ID # [Redacted]	Reported: 04/17/2025 04:10 PM	
Collected: 04/14/2025 09:40 AM			

Test Description	Result	Abnormal	Reference Range	Units	Lab
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Fasting Specimen  
Test(s) 884294-LDL-P; 884296-HDL-P (Total); 884297-Small LDL-P;  
884309-LDL Size; 884300-Large VLDL-P; 884316-Small LDL-P; 884302-  
Large HDL-P; 884303-VLDL Size; 884317-LDL Size; 884305-HDL Size;  
884314-LP-IR Score  
was developed and its performance characteristics determined  
by Labcorp. It has not been cleared or approved by the Food  
and Drug Administration.

### RBC, WBC, Plt Morphology

Result: 04/17/2025 16:10 Status: F

Platelet Estimate	Adequate	Adequate
RBC Morph. Comment	Normal RBC morphology	SCL

### Prostate Specific Antigen (PSA), Total

Result: 04/17/2025 16:10 Status: F

PSA, Total 1.35 <4.00 ng/mL SCL

This PSA test is performed on the Siemens Atellica IM by chemiluminescence methodology. Values obtained with different assay methods cannot be used interchangeably.

Current clinical practice guidelines (e.g. 2013 AUA and 2015 EAU) define biochemical recurrence of prostate cancer as a detectable or rising PSA value post-radical prostatectomy that is  $\geq 0.2$  ng/mL with a second confirmatory level of  $\geq 0.2$  ng/mL. If you have decided to use a threshold for biochemical recurrence  $< 0.2$  ng/mL for serial measurements, please be aware that the limit of quantitation for this assay is 0.04 ng/mL at the level of 20% within laboratory precision.

### NMR LipoProfile without Lipids

Result: 04/17/2025 16:10 Status: F

LDL-P (LDL Particle Number) 3086 H <1000 nmol/L

Low	< 1000
Moderate	1000 - 1299
Borderline-High	1300 - 1599
High	1600 - 2000
Very High	> 2000

HDL-P (Total) 17.6 L  $\geq 30.5$  umol/L

Small LDL (Particle Number) 694 H  $\leq 527$  nmol/L

LDL (Particle Size) 21.3 >20.5 nm

#### \*\* INTERPRETATIVE INFORMATION\*\* PARTICLE CONCENTRATION AND SIZE

<--Lower CVD Risk Higher CVD Risk-->

LDL AND HDL PARTICLES	Percentile in	Reference Population
HDL-P (total)	High 75th	50th 25th Low
	>34.9	34.9 30.5 26.7 <26.7

NEED TO ADD IN  
SYNTHOL AND OMEGA 3s  
TO ↑ HDL  
+ low  
SCL



Patient Name [REDACTED]		Requesting Physician [REDACTED]
Sex/Species M	Age 40 Yrs	Accession # [REDACTED]
Patient Phone [REDACTED]	Patient ID # [REDACTED]	Requisition # [REDACTED]
		Collected: 04/14/2025 09:40 AM
		Reported: 04/17/2025 04:10 PM

Test Description	Result	Abnormal	Reference Range	Units	Lab
Small LDL-P	Low	25th 50th 75th High			
	<117	117 527 839 >839			
LDL Size	<-Large (Pattern A)->	<-Small (Pattern B)->			
	23.0 20.6	20.5 19.0			
-----					
Small LDL-P and LDL Size are associated with CVD risk, but not after LDL-P is taken into account.					

Large VLDL-P	1.3		<=2.7	nmol/L	
Small LDL-P	694 H		<=527	nmol/L	
Large HDL-P	<1.3 L		>=4.8	umol/L	
VLDL Size	36.6		<=46.6	nm	
LDL Size	21.3		>=20.8	nm	
HDL Size	8.0 L		>=9.2	nm	
Lipoprotein Insulin Resistance Score	43		<=45		BN

-----					
INSULIN RESISTANCE / DIABETES RISK MARKERS					
<--Insulin Sensitive Insulin Resistant-->					
Percentile in Reference Population					
Large VLDL-P	Low	25th	50th	75th	High
	<0.9	0.9	2.7	6.9	>6.9
Small LDL-P	Low	25th	50th	75th	High
	<117	117	527	839	>839
Large HDL-P	High	75th	50th	25th	Low
	>7.3	7.3	4.8	3.1	<3.1
VLDL Size	Small	25th	50th	75th	Large
	<42.4	42.4	46.6	52.5	>52.5
LDL Size	Large	75th	50th	25th	Small
	>21.2	21.2	20.8	20.4	<20.4
HDL Size	Large	75th	50th	25th	Small
	>9.6	9.6	9.2	8.9	<8.9
Insulin Resistance Score					
LP-IR SCORE	Low	25th	50th	75th	High
	<27	27	45	63	>63

LP-IR Score is inaccurate if patient is non-fasting.

The LP-IR score is a laboratory developed index that has been





[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]		Requesting Physician: [REDACTED]	
Sex/Species	[REDACTED]	Age	[REDACTED]
M	[REDACTED]	40 Yrs	[REDACTED]
Patient Phone	[REDACTED]	Patient ID #	[REDACTED]
[REDACTED]		Collected:	04/14/2025 09:40 AM
[REDACTED]		Reported:	04/17/2025 04:10 PM

Test Description	Result	Abnormal	Reference Range	Units	Lab
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associated with insulin resistance and diabetes risk and should be used as one component of a physician's clinical assessment.

IHH CUSTOM PANEL - MALE

Result: 04/17/2025 16:10

Status: F

CBC with Differential

Result: 04/17/2025 16:10

Status: F

White Blood Cell Count	3.7	3.6-11.2	K/uL
Red Blood Cell Count	5.64 H	4.06-5.63	M/uL
Hemoglobin	18.0 H	14.0-17.0	g/dL
Hematocrit	51.4 H	41.0-51.0	%
MCV	91.1	73.7-95.5	fL
MCH	32.0	24.3-33.2	pg
MCHC	35.1	32.5-35.8	g/dL
RDW	13.3	12.3-17.0	%
Platelet Count	208	150-400	K/uL
MPV	9.3	7.4-11.4	fL
Neutrophil %	66.0		%
Manual Differential Performed			
Segmented Neut. %	66.0		%
Lymphocyte %	24.0		%
Variant Lymphocyte %	1.0		%
Monocyte %	7.0		%
Eosinophil %	2.0		%
Basophil %	0.0		%
Neutrophil #	2.4	1.8-7.8	K/uL
Segmented Neut. #	2.4	1.8-7.8	K/uL
Lymphocyte #	0.9 L	1.0-3.0	K/uL
Variant Lymphocyte #	0.0	Not established	K/uL
Monocyte #	0.3	0.3-1.0	K/uL
Eosinophil #	0.1	0.0-0.5	K/uL
Basophil #	0.0	0.0-0.1	K/uL

WATCH  
VOLUME  
NEED  
DONATE

[Handwritten bracket around 66.0, 24.0, 1.0, 7.0, 2.0, 0.0]

[REDACTED]

**[REDACTED]**  
HUNT SV...

Patient Name: <b>[REDACTED]</b>			Requesting Physician: <b>[REDACTED]</b>		
Sex/Species: <b>M</b>	Date of Birth: <b>[REDACTED]</b>	Age: <b>40 Yrs</b>	Accession #: <b>[REDACTED]</b>		
Patient ID #: <b>[REDACTED]</b>			Collected: <b>04/14/2025 09:40 AM</b>		
Reported: <b>04/17/2025 04:10 PM</b>			Status: <b>F</b>		

Comprehensive Metabolic Panel		Result: 04/17/2025 16:10		Status: F
Sodium, Serum	142	135-145	mmol/L	
Potassium, Serum	4.5	3.5-5.5	mmol/L	
Chloride, Serum	105	98-107	mmol/L	
Carbon Dioxide, Serum	28	21-31	mEq/L	
Anion Gap (calc.)	13.5	10-20	mmol/L	
Urea Nitrogen, Serum	15	7-25	mg/dL	
Creatinine, Serum	0.93	0.60-1.30	mg/dL	
BUN/Creatinine Ratio (calc.)	16.1	6-20		
Osmolality, Serum (calc.)	295	275-300	mOsm/kg	
Glucose, Serum	101	70-105	mg/dL	
Calcium, Serum	9.6	8.6-10.5	mg/dL	
Protein, Total, Serum	7.3	6.0-8.3	g/dL	
Albumin, Serum	4.8	3.5-5.7	g/dL	
Globulins (calc.)	2.5	1.5-4.5	g/dL	
Albumin/Globulin Ratio (calc.)	1.9	1.1-2.4		
Alkaline Phosphatase	40	30-120	U/L	
Aspartate Aminotransferase (AST)	41 H	13-39	U/L	
Alanine Aminotransferase (ALT)	49	7-52	U/L	
Bilirubin, Total	0.7	<1.0	mg/dL	
eGFR	106	>60	mL/min/1.73m2	SCL
GFR categories in Chronic Kidney Disease				
Category	GFR	Terms		
G1	>=90	Normal or High		
G2	60-89	Mildly decreased*		
G3a	45-59	Mildly to moderately decreased		
G3b	30-44	Moderately to severely decreased		
G4	15-29	Severely decreased		
G5	<15	Kidney failure		
*Relative to young adult level.				

*LIVER INFLAM.* → **41 H** **49**  
**87**  
*BETTER*



[REDACTED]

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Patient ID # [REDACTED]		Requisition # [REDACTED]			
Patient Phone [REDACTED]			Collected: 04/14/2025 09:40 AM		
[REDACTED]			Reported: 04/17/2025 04:10 PM		

Test Description	Result	Abnormal	Reference Range	Units	Lab
In the absence of evidence of kidney damage, neither GFR category G1 nor G2 fulfill the criteria for CKD.					
The estimated GFR is calculated using the CKD-EPI Creatinine Equation (2021). Normal GFR varies according to age, sex, and body size, and declines with age. The CKD-EPI Creatinine Equation (2021) has not been validated in children (<18 years).					

**Lipid Panel**

Result: 04/17/2025 16:10

Status: F

**Cholesterol, Total**

<200 Desirable  
200-239 Borderline  
>239 High

283 H

266

mg/dL

**Triglycerides**

<150 Normal  
150-199 Borderline  
200-499 High  
>499 Very High

HuBE  
DIFFERENCE

93

527

mg/dL

GREAT

**HDL Cholesterol**

34 L

>60

mg/dL

< 40 mg/dL: major risk factor for Coronary Heart Disease  
> 60 mg/dL: negative risk factor for Coronary Heart Disease

**LDL Cholesterol (calc.)**

230 H

mg/dL

<100 Optimal  
100-129 Near Optimal  
130-159 Borderline  
160-189 High  
>189 Very High

**VLDL Cholesterol (calc.)**

19

<=30 Desirable

mg/dL

**Non-HDL Cholesterol (calc.)**

249 H

<160

mg/dL

**Cholesterol/HDL Risk Ratio (calc.)**

8.3

3.0 Very Low Risk  
4.0 Low Risk  
5.0 Average Risk  
9.5 Moderate Risk  
23.0 High Risk

**LDL/HDL Risk Ratio (calc.)**

6.8

SCL

[REDACTED]



[Redacted]

Patient Name [Redacted]			Requesting Physician [Redacted]	
Sex/Species M	Date of Birth [Redacted]	Age 40 Yrs	Accession # [Redacted]	
Patient Phone [Redacted]	Patient ID # [Redacted]		Requisition # [Redacted]	
			Collected: 04/14/2025 09:40 AM	
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Test Description	Result	Abnormal	Reference Range	Units	Lab
1.0 1/2 Average Risk					
3.6 Average Risk					
6.3 2X Average Risk					
8.0 3X Average Risk					

**Cortisol, Serum**

Cortisol, Serum

12.9

Result: 04/17/2025 16:10

Status: F

ug/dL

SCL

Diurnal Variation: a.m.: 5-25 ug/dL

p.m.: Approximately half of a.m. values

ACTH Stimulation: Over twice (usually 3 to 5 times) basal values

ACTH Reserve: Below basal (control) values

Dexamethasone Suppression: Below basal (control) values for the screening, low-dose and high-dose tests

13.9

**C-Reactive Protein**

C-Reactive Protein

<1.0

Result: 04/17/2025 16:10

Status: F

<10.0

mg/L

SCL

**Dehydroepiandrosterone Sulfate**

DHEA-S

383

Result: 04/17/2025 16:10

Status: F

80-560

ug/dL

SCL

**Estradiol**

Estradiol

23.2

46.2 H

Result: 04/17/2025 16:10

Status: F

<40

pg/mL

SCL

**Ferritin**

Ferritin

96

Result: 04/17/2025 16:10

Status: F

22-322

ng/mL

SCL

**Folate, Serum**

Folate, Serum

21.07

Result: 04/17/2025 16:10

Status: F

>5.4

ng/mL

SCL

Interpretive Information: Folate, Serum

<3.5 ng/mL: Deficient

3.5-5.4 ng/mL: Indeterminate

>5.4 ng/mL: Normal

**Growth Hormone**

Growth Hormone

0.3

Result: 04/17/2025 16:10

Status: F

0.0-10.0

ng/mL

BN

**Insulin**

Insulin

9.3

Result: 04/17/2025 16:10

Status: F

<17.0

uIU/mL

SCL

**Iron, Serum**

Iron, Serum

117

Result: 04/17/2025 16:10

Status: F

50-212

ug/dL

SCL

**Progesterone**

Progesterone

0.67

Result: 04/17/2025 16:10

Status: F

0.3-1.2

ng/mL

SCL

[Redacted]



<div>Sex/Species: M</div> <div>Date of Birth: [REDACTED]</div> <div>Age: 40 Yrs</div> <div>Patient ID #: [REDACTED]</div>			<div>Requesting Physician: [REDACTED]</div> <div>Accession #: [REDACTED]</div> <div>Requisition #: 076550</div> <div>Collected: 04/14/2025 09:40 AM</div> <div>Reported: 04/17/2025 04:10 PM</div>		
Test Description	Result	Abnormal	Reference Range	Units	Lab

**Vitamin B12**

Vitamin B12

>2000 H

Result: 04/17/2025 16:10

Status: F

211-911

pg/mL

SCL

**Vitamin D, 25-Hydroxy**

Vitamin D, 25-Hydroxy

Deficiency < 20  
Insufficiency 20-29  
Sufficiency 30-100  
Toxicity >150

Result: 04/17/2025 16:10

Status: F

ng/mL

SCL

**Testosterone, Free and Total, Adult Male**

Testosterone, Adult Male

572

Result: 04/17/2025 16:10

Status: F

300-853

ng/dL

Sex Hormone Binding Globulin

5 L

10-57

nmol/L

Testosterone, Free (calc.)

218 H

20-135

pg/mL

Testosterone, Percentage Free

3.8 H

1.5-3.2

%

SCL

**Magnesium, Serum**

Magnesium, Serum

2.0

Result: 04/17/2025 16:10

Status: F

1.9-2.7

mg/dL

SCL

**Triiodothyronine, Free (Free T3)**

Triiodothyronine, Free (Free T3)

4.5 H

Result: 04/17/2025 16:10

Status: F

2.3-4.2

pg/mL

SCL

**Thyroxine, Free (Free T4)**

Thyroxine, Free (Free T4)

1.4

Result: 04/17/2025 16:10

Status: F

0.9-1.8

ng/dL

SCL

**Thyroxine, Total (Total T4)**

Thyroxine, Total (Total T4)

4.3 L

Result: 04/17/2025 16:10

Status: F

4.5-10.9

ug/dL

SCL

**Thyroid Stimulating Hormone (TSH)**

Thyroid Stimulating Hormone (TSH)

0.689

Result: 04/17/2025 16:10

Status: F

0.55-4.78

uIU/mL

SCL

**Thyroid Peroxidase Antibody**

Thyroid Peroxidase Antibody

<10.0

Result: 04/17/2025 16:10

Status: F

<=35.0

IU/mL

SCL

**Performing Laboratory Information:**

SCL - Southeast Clinical Laboratories, LLC 3621 3rd Avenue South Birmingham AL 35222  
BN - LabCorp Burlington 1447 York Court Burlington NC 27215

PREVIOUS HRT PATIENT

- NO CHANGE IN TEST
- TEST - 200mg - 1/2 cc Q 4 DAYS
- B12 - 1000mcg
- HCG - 20-36 units
- E2B ON TESTOSTERONE
- AMAZINAPRIZOLE 1mg

WALMART AT  
BAILY COVE

← PRIME CUT  
HEALTHY

- NAC - 750 - 200mg

- LIVER DEFEND  
200