

Dear Mr. Rhodes

This is to inform you of results from your last visit.

- Complete blood counts: normal/see comments
- Blood chemistries: normal/see comments
- Kidney function: normal/ see comments  
Creatine: 1.13
- Liver function: normal/ see comments
- Blood sugar 78 (Fasting normal range under 100, over 126 = diabetes)
- A1C (3 month average) 5.4 normal/see comments

<input checked="" type="checkbox"/> Cholesterol:	<u>Calculated</u>	
Total	<u>213</u>	borderline excellent!!
LDL:	<u>130</u>	
HDL:	<u>77</u>	
Triglycerides:	<u>29</u>	
Non-HDL:	<u>136</u>	

Particle size is also super!

- PSA: normal / see comments \_\_\_\_\_
- Thyroid studies: normal/see comments 2.39 - normal
- Pap smear: normal / see comments
- Vitamin D: normal/ see comments \_\_\_\_\_

Your Labs show only C-reactive is great!  
 some increased Particle number of LDL. The size is good. I look forward to seeing the changes after a month!  
 Good Luck!

Please follow up as discussed at your last visit or sooner if needed.

Thank you,



TEST	RESULT	LIMITS	LAB
NMR LipoProfile			
LDL Particle Number			01
> LDL-P	1495 H nmol/L	<1000	01
	Low	< 1000	
	Moderate	1000 - 1299	
	<del>Borderline-High</del>	1300 - 1599	
	High	1600 - 2000	
	Very High	> 2000	
Lipids			
> LDL-C	130 H mg/dL	<100	01
	Optimal	< 100	
	Above optimal	100 - 129	
	Borderline	130 - 159	
	High	160 - 189	
	Very high	> 189	
HDL-C	77 mg/dL	>=40	01
Triglycerides	29 mg/dL	<150	01
> Cholesterol, Total	213 H mg/dL	<200	01
LDL and HDL Particles			
HDL-P (Total)	34.6 umol/L	>= 30.5	01
Small LDL-P	243 nmol/L	<= 527	01
LDL Size	21.6 nm	> 20.5	01

\*\*\* 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

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

Insulin Resistance Score			01
LP-IR Score	8	<= 45	01

Pat Name: RHODES,ROBERT L	Pat ID: RHOLUC0001	Spec #: 097-380-3885-0	Seq #: 84
---------------------------	--------------------	------------------------	-----------

Results are Flagged in Accordance with Age Dependent Reference Ranges

Continued on Next Page

LCM Version: 03.25.00

*great*  
↓

*26*

## TEST

## RESULT

## LIMITS

## LAB

The LP-IR Score combines information from lipoprotein particle concentration and size to give improved assessment of insulin resistance and diabetes risk. Small LDL-P, LDL Particle Size, HDL-Particle, and LP-IR Score have been validated by LipoScience but not cleared by US FDA; the clinical utility of these test results has not been fully established.

## INSULIN RESISTANCE MARKER

<--Insulin Sensitive      Insulin Resistant-->  
Percentile in Reference Population

## Insulin Resistance Score

LP-IR Score	Low	25th	50th	75th	High
	<27	27	45	63	>63

## Comp. Metabolic Panel (14)

Glucose, Serum	78	mg/dL	65 - 99	02
BUN	21	mg/dL	6 - 20	02
Creatinine, Serum	1.13	mg/dL	0.76 - 1.27	02
eGFR If NonAfrican Am	89	mL/min/1.73	>59	
eGFR If African Am	102	mL/min/1.73	>59	

Note: A persistent eGFR <60 mL/min/1.73 m<sup>2</sup> (3 months or more) may indicate chronic kidney disease. An eGFR >59 mL/min/1.73 m<sup>2</sup> with an elevated urine protein also may indicate chronic kidney disease.

Calculated using CKD-EPI formula.

BUN/Creatinine Ratio	19		8 - 19	
Sodium, Serum	137	mmol/L	135 - 145	02
Potassium, Serum	4.4	mmol/L	3.5 - 5.2	02
Chloride, Serum	98	mmol/L	97 - 108	02
Carbon Dioxide, Total	24	mmol/L	20 - 32	02
Calcium, Serum	10.0	mg/dL	8.7 - 10.2	02
Protein, Total, Serum	7.1	g/dL	6.0 - 8.5	02
Albumin, Serum	5.0	g/dL	3.5 - 5.5	02
Globulin, Total	2.1	g/dL	1.5 - 4.5	
A/G Ratio	2.4		1.1 - 2.5	
Bilirubin, Total	0.6	mg/dL	0.0 - 1.2	02
Alkaline Phosphatase, S	63	IU/L	25 - 150	02
AST (SGOT)	24	IU/L	0 - 40	02
ALT (SGPT)	18	IU/L	0 - 55	02

## Hemoglobin Alc

Hemoglobin Alc	5.6	%	4.8 - 5.6	02
----------------	-----	---	-----------	----

Increased risk for diabetes:

5.7 - 6.4

Pat Name: RHODES,ROBERT L

Pat ID: RHOLUC0001

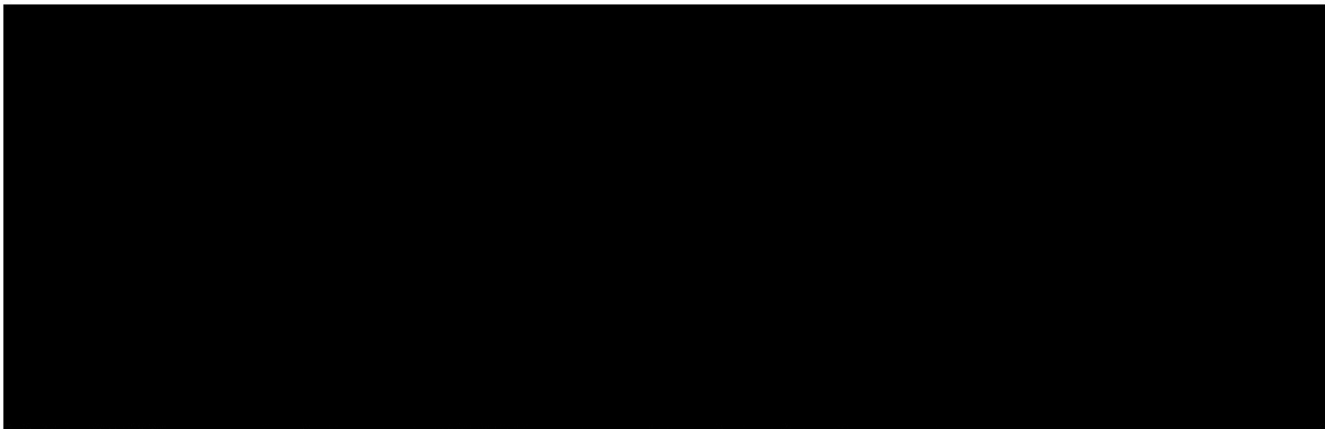
Spec #: 097-380-3885-0

Seq #: 84

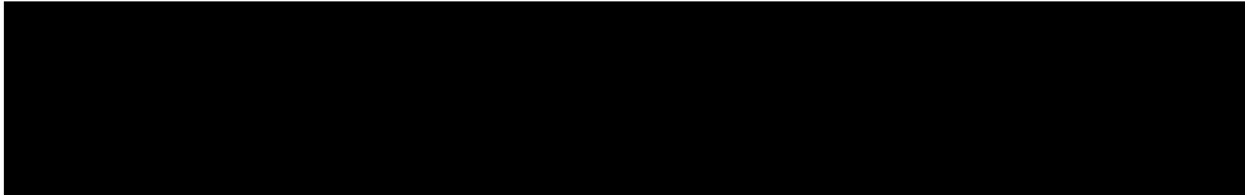
Results are Flagged in Accordance with Age Dependent Reference Ranges

Continued on Next Page

LCM Version: 03.25.00



TEST	RESULT	LIMITS	LAB
	Diabetes:	>6.4	
	Glycemic control for adults with diabetes:	<7.0	
TSH			
TSH	2.390 uIU/mL	0.450 - 4.500	02
C-Reactive Protein, Quant	0.1 mg/L	0.0 - 4.9	02



*ab*

Pat Name: RHODES,ROBERT L	Pat ID: RHOLUC0001	Spec #: 097-380-3885-0	Seq #: 84
---------------------------	--------------------	------------------------	-----------

Results are Flagged in Accordance with Age Dependent Reference Ranges

Last Page of Report

LCM Version: 03.25.00

