

Specimen ID: 060-544-7409-0
Control ID: B0072202977

Acct #:))))

Phone: (775) 398-3635

Rte: 00

BAKER, SHAWN

Specialty Health - LA Acct
7303 World Wy W 2nd Fl
Los Angeles CA 90045



Patient Details

DOB:))
Age(y/m/d): 51
Gender: M SSN:
Patient ID:

Specimen Details

Date collected: 03/01/2018 0955 Local
Date received: 03/01/2018
Date entered: 03/01/2018
Date reported: 03/04/2018 1309 ET

Physician Details

Ordering: S HALL
Referring:
ID: 17707549
NPI: 1255767521

General Comments & Additional Information

Alternate Control Number: B0072202977
Total Volume: Not Provided

Alternate Patient ID: Not Provided
Fasting: No

Ordered Items

NMR LipoProf+Graph; TSH; Vitamin D, 25-Hydroxy; Lipoprotein (a); Venipuncture

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
NMR LipoProf+Graph					
LDL Particle Number					01
LDL-P	1273	High	nmol/L	<1000	01
		Low		< 1000	
		Moderate		1000 - 1299	
		Borderline-High		1300 - 1599	
		High		1600 - 2000	
		Very High		> 2000	
Lipids					01
LDL-C	141	High	mg/dL	0 - 99	
		Optimal		< 100	
		Above optimal		100 - 129	
		Borderline		130 - 159	
		High		160 - 189	
		Very high		> 189	
Comment:					01
LDL-C is inaccurate if patient is non-fasting.					
HDL-C	40		mg/dL	>39	01
Triglycerides	54		mg/dL	0 - 149	01
Cholesterol, Total	192		mg/dL	100 - 199	01
LDL and HDL Particles					01
HDL-P (Total)	28.0	Low	umol/L	>=30.5	01
Small LDL-P	283		nmol/L	<=527	01
LDL Size	21.3		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)->

Patient: **BAKER, SHAWN**
 DOB: 4 4 4 4 4

Patient ID:

Control ID: B0072202977

 Specimen ID: 4 4 4 4 4 4
 Date collected: 03/01/2018 0955 Local

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
	23.0	20.6	20.5	19.0	

Comment: 01

Small LDL-P and LDL Size are associated with CVD risk, but not after LDL-P is taken into account.

These assays were developed and their performance characteristics determined by LipoScience. These assays have not been cleared by the US Food and Drug Administration. The clinical utility of these laboratory values have not been fully established.

Insulin Resistance Score 01

LP-IR Score 36 <=45 01

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

Comment: 01

LP-IR Score is inaccurate if patient is non-fasting. The LP-IR score is a laboratory developed index that has been associated with insulin resistance and diabetes risk and should be used as one component of a physician's clinical assessment. The LP-IR score listed above has not been cleared by the US Food and Drug Administration.

NMR PDF Image 01

TSH 3.010 uIU/mL 0.450 - 4.500 02

Vitamin D, 25-Hydroxy 30.3 ng/mL 30.0 - 100.0 02

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.

Lipoprotein (a) 2 nmol/L <75 01

Note: Values greater than or equal to 75 nmol/L may indicate an independent risk factor for CHD, but must be evaluated with caution when applied to non-Caucasian populations due to the influence of genetic factors on Lp(a) across ethnicities.

Patient: **BAKER, SHAWN**
DOB: 4 4 4 4

Patient ID:

Control ID: B0072202977

Specimen ID: 4 4 4 4 4
Date collected: 03/01/2018 0955 Local

01	BN	LabCorp Burlington 1447 York Court, Burlington, NC 27215-3361	Dir: William F Hancock, MD
02	SO	LabCorp San Diego 13112 Evening Creek Dr So Ste 200, San Diego, CA 92128-4108	Dir: Jenny Galloway, MD

For inquiries, the physician may contact **Branch: 800-859-6046 Lab: 800-762-4344**

Specimen Number 060-544-7409-0		Patient ID		Account Number 04026090	Account Phone (775) 398-3635	Account Fax (775) 398-3635
Patient Last Name BAKER		Patient First Name SHAWN		Account Address Specialty Health - LA Acct 7303 World Wy W 2nd Fl Los Angeles, CA 90045		
Age 51	Date of Birth 01/10/1967	Sex M	Fasting NO			
Control Number B0072202977		NPI 1255767521				
Date Collected 03/01/2018	Date Entered 03/01/2018	Date and Time Reported 03/04/2018 02:58 AM ET		Physician ID & Name 17707549 - HALL, S		Page Number 1 of 2

NMR LipoProfile® test

Reference Range¹

	Percentile ¹	20th	50th	80th	95th	
	Low	Moderate	Borderline High	High	Very High	
LDL-P (LDL Particle Number)	1273	< 1000	1000 - 1299	1300 - 1599	1600 - 2000	> 2000

1. Reference population (5,362 men and women) not on lipid medication enrolled in the Multi-Ethnic Study of Atherosclerosis (MESA). Mora, et al. Atherosclerosis 2007.

Lipids

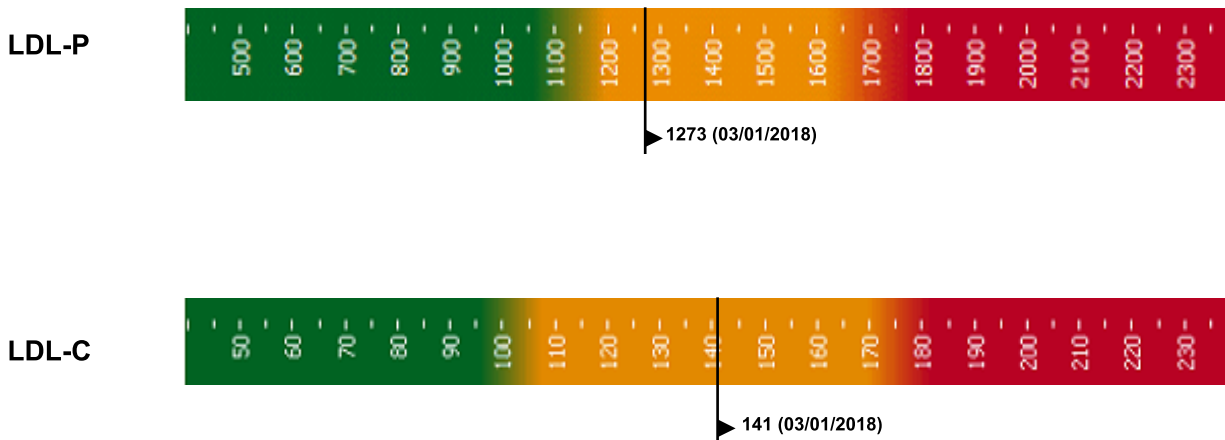
	Optimal	Near or Above Optimal	Borderline High	High	Very High
LDL-C (calculated)	141	100 - 129	130 - 159	160 - 189	≥ 190

141

	mg/dL	mg/dL	mg/dL
HDL-C	40	Triglycerides	54
	Desirable ≥ 40		Desirable < 150
		Total Cholesterol	192
			Desirable < 200

LDL-C is inaccurate if patient is non-fasting.

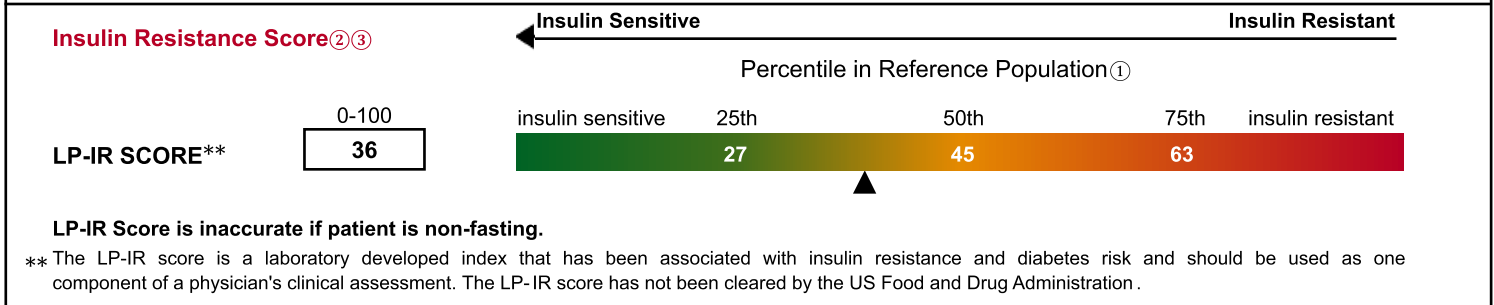
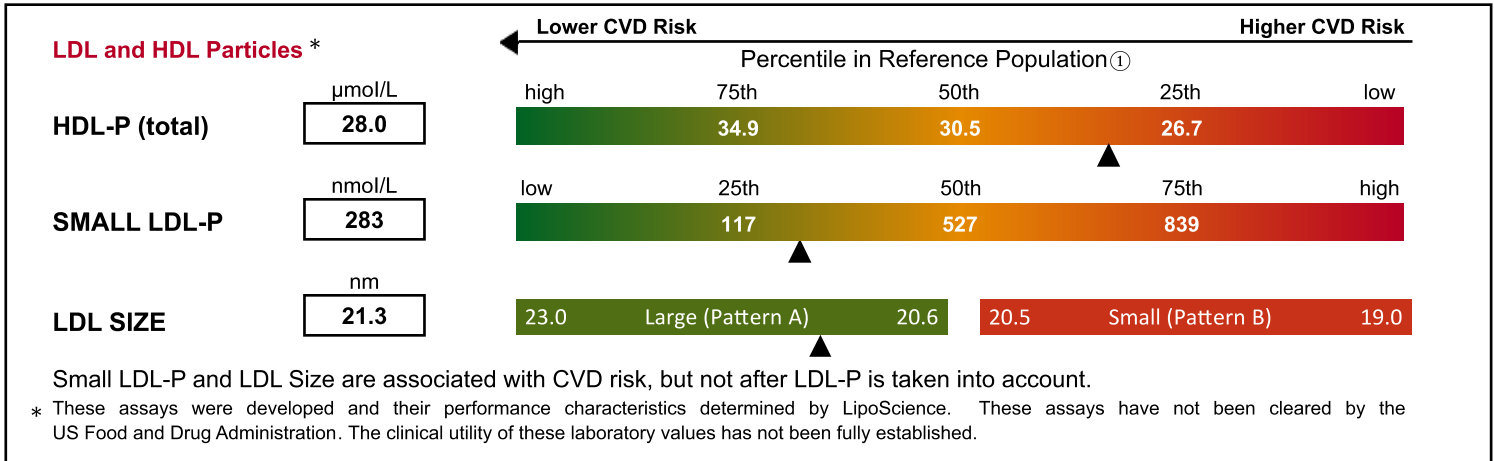
Historical Reporting



The NMR LipoProfile® test may be covered by one or more issued or pending patents, including U.S. Patent Nos. 6,518,069; 6,576,471; 6,653,140; and 7,243,030	Issued or Pending Patents	CLIA Number 34D0655059
--	---------------------------	---------------------------

Specimen Number 060-544-7409-0		Patient ID		Account Number 04026090	Account Phone (775) 398-3635	Account Fax (775) 398-3635
Patient Last Name BAKER		Patient First Name SHAWN		Account Address Specialty Health - LA Acct 7303 World Wy W 2nd Fl Los Angeles, CA 90045		
Age 51	Date of Birth 01/10/1967	Sex M	Fasting NO			
Control Number B0072202977		NPI 1255767521				
Date Collected 03/01/2018	Date Entered 03/01/2018	Date and Time Reported 03/04/2018 02:58 AM ET		Physician ID & Name 17707549 - HALL, S		Page Number 2 of 2

PARTICLE CONCENTRATION AND SIZE



Clinician Notes

① LipoScience reference population comprises 4,588 men and women without known CVD or diabetes and not on lipid medication.

② Shalaurova I et al., Metab Syndr Relat Disord 2014; 12:422-9.

③ Mackey RH et al., Diab Care 2015; 38:628-36.