





	Beyond	I the Nor	mal Lip	oid P	anel					
Berkeley bevond t	HeartLab goes			Normal	Inter- mediate	At Risk	Last Visit	Alert Value	ATP III Goal	Reference
panel- (T	otal cholesterol.	NCEP ATP III	Total Cholestard				$\smile$	>=200	<200	129 - 221
LDL (lou	LDL (lousy), HDL (healthy)		LOL-C (mg/dl)					>=100	<100	59 - 145
and Trig	ycerides)		HDL-C (mgidl)	-				<40	>=40	32 - 60
We provi	We provide "Advanced		Triglycerides (mg/dl	70				>=150	<150	63 - 268
Cardiova Markers'	scular Risk ' to determine areas			Normal	Inter- mediate	At Risk	Last Visit	Alert Value	BHL Goal <sup>†</sup>	Referenc Range
that you	can improve now to	Advanced	INIa+b (%)			28.10		>=20	<=15	13.6 - 43.0
prevent 1	uture problems with	Risk Markers	LDL IVb (%)			10.7		>=10	<=5	1.7 - 9.8
	n <i>"</i>		HDL2b (%)	-	11	-		<10	>20	7 - 30
Green"	snows "normal" lab		Apo 8 (mg/sl)		92			>120	<60	60 - 140
	- h		Extended Range			95		>=30	<30	0 - 30
Yellow"	SNOWS diato" lab values		Homocysteine	6.4				>=14	<10	5.0 - 12.0
	ulate lab Values		(perset of					214 414	-	































		Арс	5 E2	Аре	o E3	Арс	E4
	Genotype	2/2	2/3	3/3	2/4	3/4	4/4
	Population Frequency	1%	10%	62%	2%	20%	5%
y tion	Soluble Fiber <sup>1</sup>	↓↓LDL		↓LDL		↓LDL	
	Fish Oil <sup>2</sup>	↓↓TG ↓sma <b>ll</b> dense LDL ↑HDL		↓TG ↓small dense LDL ↑HDL		↓TG ↓↓sma <b>ll</b> dense LD <sub>L</sub> ↓HDL may↑LDL	
Unetar	Plant Sterols <sup>3</sup>	↑L ↓ At	DL po B	↓L ↓Aj	DL po B	↓L ↓Ap	DL Io B
0	Soy Protein <sup>4</sup>	↓ Ar	ро В	↑At	ро В	↓Ap	о В
ects	Low Fat Diet <sup>5,6</sup>	↓ LI ↑small de	DL ense LDL	↓↓ ←> small d	LDL dense LDL	↓↓↓ Ll ↓ small de	DL Inse LDL
tary Fat ohol Eff	Moderate Fat Diet <sup>6</sup>	$\leftrightarrow$ L $\leftrightarrow$ small d	-DL ense LDL	↓ L ↓ small d	.DL ense LDL	↓ L ↑↑small de	DL ense LDL
Ak	Moderate Alcohol <sup>7</sup>	↑HDL	↓LDL	↑H	DL	↓ HDL	↑LDL

















































## Lipid Cascade

\* LP-IR Score

- **\*** Insulin Sensitive Low Score
- \* Insulin Resistant High Score

The NMR LipoProfile te measure of the particle informed decisions abo monitor your progress.	st is more than a cholest s that cause heart disea: ut the treatment that's t	erol test. It's a simp se. This information sest for you. Use the	le blood test that gives you a direct an help you and your doctor make NMR LipoProfile test regularly to	
Section On	e: LDL Partie	cle Numbe	er (LDL-P)	
LDL-P can range fr to over 2000 nmol particles you have, for heart disease. V low, your risk may	om less than 1000 /L. The more LDL the higher your risk Vhen your LDL-P is be reduced. <sup>13</sup>	LDL-P (nmol/L)	Very-high: LDL-P > 2000 High: LDL-P 1600 - 2000 Borderline-high: LDL-P 1300 - 1599 Moderate: LDL-P 1000 - 1299 Low: LDL-P < 1000	
LDL-P	Lower		→ Higher	
Section Two The lipid panel is a four values: LDL-C, LDL-C	b: Lipids standard cholesterol to HDL-C, triglycerides, a Lower	est. It is made up of ind total cholestero Borderline	LDL-C (mg/dL) I Higher	
	70 80 90 100 1 T T T T T T T T	10 120 130 140 IIIIIIII IIIIII	150 160 170 180 190 200 400 1 1 1 1 1 1 1 1 1 1 1 1 1	
Date Repeat MMR Loofrohie Iest" in:	Physician Comments - Trea	tment Action Plan		
Eccause LDL Par Learn more a	ticles Cause Plaque		LipoScience, Inc. 2500 Sunner Bivd, Raleigh NC 27616 877-547-6837   www.lipotcience.com 0 2012 Lpoleance.inc. 81-214-0817 J Pass 0472-294.	



