Կ||Ալիվում|լդ|Ալվել|Ալունդին||ԱմՍեՍ|լդ||լ|Ալդին||Ալ

Specimen Details

Date collected: 04/05/2019 0841 Local

Date received: 04/05/2019 **Date entered:** 04/05/2019

Date reported: 04/08/2019 1108 ET

General Comments & Additional Information

Total Volume: Not Provided Fasting: Yes

Ordered Items

NMR LipoProfile; CBC With Differential/Platelet; Comp. Metabolic Panel (14); Lipid Panel; Hemoglobin A1c; Cortisol; C-Reactive Protein, Cardiac; Insulin; Venipuncture

TESTS	RESULT	FLAG	UNITS R	EFERENCE INTERVAL	LA
MR LipoProfile					
LDL Particle Number					0
LDL-P	1105	High	nmol/L Low Moderate Borderline-Hig High Very High	<1000 < 1000 1000 - 1299 gh 1300 - 1599 1600 - 2000 > 2000	0
Lipids					0
LDL-C	103	High	mg/dL Optimal Above optimal Borderline High Very high	0 - 99 < 100 100 - 129 130 - 159 160 - 189 > 189	0
Comment:					0
LDL-C is inaccurate	if patient is 1	non-fas	_		
HDL-C	38	Low	mg/dL	>39	0
Triglycerides	135		mg/dL	0 - 149	0
Cholesterol, Total	168		mg/dL	100 - 199	0
LDL and HDL Particles					0
HDL-P (Total)	25.5	Low	umol/L	>=30.5	0
Small LDL-P	455		nmol/L	<=527	0
LDL Size	21.1		nm	>20.5	0

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</pre>

>34.9 34.9 30.5 26.7 <26.7 Small LDL-P 25th 50th 75th High Low <117 117 527 839 >839 LDL Size <-Large (Pattern A)-> <-Small (Pattern B)->

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Patient ID:

TESTS	RESULT	FLAG	IINTTS	REFERENCE INTERVAL	LAB
23.0		- I HAG	20.5	19.0	- HAD
Comment: Small LDL-P and LDL Size LDL-P is taken into acco These assays were develo determined by LipoScienc US Food and Drug Adminis laboratory values have n	unt. ped and th e. These a tration. T	eir per ssays h he clin	formance ch ave not bee ical utilit	aracteristics n cleared by the	01
Insulin Resistance Score		_			01
LP-IR Score	67	High		<=45	01
INSULIN RESISTANCE MARKE <insulin 25th<="" in="" insulin="" low="" lp-ir="" percentile="" resistance="" score="" sensitive="" td=""><td>Insuli Reference</td><td>Popula</td><td>tant> tion High</td><td></td><td></td></insulin>	Insuli Reference	Popula	tant> tion High		
<27 27	45		>63		
Comment: LP-IR Score is inaccurat The LP-IR score is a lab associated with insulin used as one component of LP-IR score listed above Drug Administration.	oratory de resistance a physici	veloped and di an's cl	index that abetes risk inical asse	and should be ssment. The	01
CBC With Differential/Platele	t				
WBC	3.8		K/uL	3.2 - 10.6	02
RBC	4.95		M/uL	3.98 - 5.98	02
Hemoglobin	14.9		g/dL	12.5 - 18.0	02
Hematocrit	44.1		%	36.9 - 52.1	02
MCV	89.1		fL	80.6 - 97.6	02
MCH	30.1		pg	27.3 - 33.7	02
MCHC	33.8		g/dL	33.4 - 35.3	02
RDW	14.5		%	12.5 - 15.3	02
Platelets	289		K/uL	140 - 440	02
Neutrophils	46.0		%	41.0 - 81.0	02
Lymphs	40.5		%	11.0 - 44.0	02
Monocytes	10.3		%	4.0 - 11.0	02
Eos	2.4		%	0.0 - 6.0	02
Basos	0.5		%	0.0 - 1.0	02
Neutrophils (Absolute)	1.7	Low	K/uL	1.8 - 6.8	02
Lymphs (Absolute)	1.5		K/uL	1.0 - 3.0	02
Monocytes (Absolute)	0.4		K/uL	0.2 - 1.0	02
Eos (Absolute)	0.1		K/uL	0.0 - 0.4	02
Baso (Absolute)	0.0		K/uL	0.0 - 0.1	02
Immature Granulocytes	0.3		%	0.0 - 8.0	02

Patient ID:

TESTS	RESULT	FLAG	UNITS RE	FERENCE INTERVAL	LAB
Immature Grans (Abs)	0.0		K/uL	0.0 - 1.9	02
NRBC	0		/100WBC		02
Hematology Comments:					02
RDW SD	46.5		fL	N	
MEAN PLATELET VOLUME	10.2		fL	6.2-9.8 H	
Comp. Metabolic Panel (14)					
Glucose	77		mg/dL	70 - 110	02
BUN	13		mg/dL	7 - 18	02
Creatinine	0.82		mg/dL	0.60 - 1.30	02
eGFR If NonAfricn Am	103.54		mL/min		02
GFR calculation is only insufficiency. Units of				-	
-					
Average GFR for healthy Chronic kidney disease i Kidney failure if GFR is	if GFR is 19	5-60 ml/r	min/1.73 m2		
MDRD calculation used. F http://www.nkdep.nih.go eGFR If Africn Am GFR calculation is only insufficiency. Units of	ov/healthpro 133.16 for patient	ts with o	mL/min chronic renal		02
Average GFR for healthy Chronic kidney disease in Kidney failure if GFR is	if GFR is 19 s <15 ml/min	5-60 ml/r	min/1.73 $m2$		
http://www.nkdep.nih.go		ofessiona	als/index.htm	1	
BUN/Creatinine Ratio	15.9		Ratio	7.0 - 24.0	02
Sodium	138		mmol/L	136 - 145	02
Potassium	4.3		mmol/L	3.5 - 5.1	02
Chloride	102		mmol/L	98 - 107	02
Carbon Dioxide, Total	26		mmol/L	23 - 32	02
Calcium	8.5		mg/dL	8.5 - 10.1	02
Protein, Total	6.3	Low	g/dL	6.4 - 8.2	02
Albumin	3.8		g/dL	3.4 - 5.0	02
Globulin, Total	2.5		g/dL	1.8 - 3.5	02
A/G Ratio	1.5		5,		02
Bilirubin, Total	0.9		mg/dL	0.1 - 1.2	02
Alkaline Phosphatase	49	Low	U/L	50 - 136	02
AST (SGOT)	27		U/L	5 - 41	02
ALT (SGPT)	20		U/L	10 - 56	02
Lipid Panel					
Cholesterol, Total	156		mg/dL	0 - 200	02
			<u> </u>		

Patient ID:						
TESTS	RESULT	FLAG	UNITS	REFERENCE	INTERVAL	LAB
Triglycerides	116		mg/dL	0	- 150	02
HDL Cholesterol	36	Low	mg/dL	40	- 60	02
Male patients: No risk >55 mg/dL Moderate risk = 40-55 mg High risk <40 mg/dL	/dL					
Female patients: No risk >65 mg/dL Moderate risk = 45-65 mg High risk <45 mg/dL	/dL					
National Cholesterol Edu Guidelines: <40mg/dL = low HDL chole risk of CHD) >60 mg/dL = high HDL cho (negative risk factor fo	sterol (maj					
VLDL Cholesterol Cal	23.2		mg/dL	2	- 30	02
LDL Cholesterol Calc	97		mg/dL	0	- 130	02
Adults: Desirable LDL <130 mg/dl Borderline LDL = 130-160 High Risk LDL >160 mg/dl	mg/dl					
Children <19 Years of Ag Desirable LDL <110 mg/dl Borderline LDL = 110-130 High Risk LDL >130 mg/dl	mg/dl					
Hemoglobin Alc For management of known be individualized for e presence of comorbid dis brittleness of the disea a level of 7% is a reas	ach patient eases, and se must be	considere	pe of dia	s must abetes,	- 6.3	02
Performance characterist established or approved diabetes.						
Cortisol	6.6		ug/dL sol AM sol PM		- 19.4 - 11.9	03
C-Reactive Protein, Cardiac	1.23 Relative Ri	ak for Fu	mg/L		- 3.00	03

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Relative Risk for Future Cardiovascular Event Low

<1.00

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	T	ESTS	RESULT	FLAG	UNITS	REFERENCE	INTERVAL	LAB
					Average High	1.00	- 3.00 >3.00	
Insuli	n		2.8		uIU/mL	2.6	- 24.9	03
01	BN	LabCorp Burlington 1447 York Court, Burlingto	on, NC 27215-336	1	Dir: Sanja	ni Nagendra, MD		
02	DRAUT	Lone Peak Hospital			Dir: Natha	an Eliason, MD		
03	PDLCA	LabCorp Phoenix	t, Draper, UT 84020-7735 ste 1200, Phoenix, AZ 85040-2969		Dir: Earle Collum, MD			

For inquiries, the physician may contact Branch: 888-522-2677 Lab: 800-762-4344