



Patient Information	Specimen Information	Client/Participant Information:
PFISTER, GABRIELE DOB: 08/29/1970 AGE: 45 Gender: F Fasting: U Phone: 303.497.2915 Patient ID: 703720741600060	Specimen: KS522346J Requisition: 1600060 Collected: 01/26/2016 Received: 01/26/2016 / 18:29 CST Reported: 01/29/2016 / 07:48 CST	Client #: 70372074 HF03000 PFISTER, GABRIELE 550 MOHAWK DR 71 BOULDER, CO 80303

Test Name	In Range	Out Of Range	Reference Range	Lab
HEALTH FAIR AOE - HPMI				KS
NUMBER OF HOURS FASTING	12		HRS	
EMPLOYEE ID	NOT GIVEN			
GROUP CODE	NOT GIVEN			
SYSTOLIC BLOOD PRESSURE	NONE GIVEN			
DIASTOLIC BLOOD PRESSURE	NONE GIVEN			
HEIGHT (FEET)	NONE GIVEN		FT	
HEIGHT (INCHES)	NONE GIVEN		IN	
WEIGHT	NOT GIVEN		LBS	
WAIST CIRCUMFERENCE	NONE GIVEN		INCHES	
FAT PERCENT	NOT GIVEN		%	
TOBACCO	NOT GIVEN			
GLUCOSE	83		65-99 mg/dL	KS
Fasting reference interval				
SODIUM		130 L	135-146 mmol/L	KS
POTASSIUM	5.1		3.5-5.3 mmol/L	KS
CHLORIDE	98		98-110 mmol/L	KS
BUN/CREATININE RATIO				KS
UREA NITROGEN (BUN)	8		7-25 mg/dL	
CREATININE	0.71		0.50-1.10 mg/dL	
eGFR NON-AFR. AMERICAN	103		> OR = 60 mL/min/1.73m2	
eGFR AFRICAN AMERICAN	119		> OR = 60 mL/min/1.73m2	
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	
CALCIUM	9.4		8.6-10.2 mg/dL	KS
MAGNESIUM	1.9		1.5-2.5 mg/dL	KS
PHOSPHATE (AS PHOSPHORUS)	3.7		2.5-4.5 mg/dL	KS
URIC ACID		2.2 L	2.5-7.0 mg/dL	KS
Therapeutic target for gout patients: <6.0 mg/dL				
PROTEIN, TOTAL AND				KS
ALBUMIN				
PROTEIN, TOTAL	6.9		6.1-8.1 g/dL	
ALBUMIN	4.7		3.6-5.1 g/dL	
GLOBULIN	2.2		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	2.1		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.6		0.2-1.2 mg/dL	KS
BILIRUBIN, DIRECT	0.1		< OR = 0.2 mg/dL	KS
LD	171		100-200 U/L	KS
ALKALINE PHOSPHATASE	48		33-115 U/L	KS
GGT	9		3-55 U/L	KS
AST	29		10-35 U/L	KS
ALT	24		6-29 U/L	KS
TSH	1.64		mIU/L	KS
Reference Range				
> or = 20 Years 0.40-4.50				
Pregnancy Ranges				
First trimester 0.26-2.66				
Second trimester 0.55-2.73				
Third trimester 0.43-2.91				



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Test Name	In Range	Out Of Range	Reference Range	Lab
CBC (INCLUDES DIFF/PLT)				QDV
WHITE BLOOD CELL COUNT	4.0		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	4.12		3.96-5.31 Million/uL	
HEMOGLOBIN	13.3		12.0-16.3 g/dL	
HEMATOCRIT	40.4		36.8-49.5 %	
MCV	98.2		80.0-100.0 fL	
MCH	32.4		27.0-33.0 pg	
MCHC	33.0		32.0-36.0 g/dL	
RDW	14.3		11.0-15.0 %	
PLATELET COUNT	269		140-400 Thousand/uL	
MPV	8.8		7.5-11.5 fL	
ABSOLUTE NEUTROPHILS	2756		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES		704 L	850-3900 cells/uL	
ABSOLUTE MONOCYTES	404		200-950 cells/uL	
ABSOLUTE EOSINOPHILS	104		15-500 cells/uL	
ABSOLUTE BASOPHILS	32		0-200 cells/uL	
NEUTROPHILS	68.9		%	
LYMPHOCYTES	17.6		%	
MONOCYTES	10.1		%	
EOSINOPHILS	2.6		%	
BASOPHILS	0.8		%	
IRON AND TOTAL IRON				KS
BINDING CAPACITY				
IRON, TOTAL	48		40-190 mcg/dL	
IRON BINDING CAPACITY	372		250-450 mcg/dL	
% SATURATION	13		11-50 % (calc)	



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Cardio IQ®

Test Name	Units	Result and Risk Category			Result from	Risk Category Ranges		
		Optimal	Moderate	High		Optimal	Moderate	High

Lipid Panel

Lab: EZ

CHOLESTEROL, TOTAL	mg/dL	191				<200	200-239	>=240
HDL CHOLESTEROL	mg/dL	61				>=46	N/A	<46
TRIGLYCERIDES	mg/dL	79				<150	150-199	>=200
LDL-CHOLESTEROL	mg/dL		114			<100	100-129	>129
CHOL/HDL-C RATIO	calc	3.1				<=3.5	3.6-5.0	>5.0
NON-HDL CHOLESTEROL	mg/dL		130			<130	130-159	>159
DIRECT LDL	mg/dL		118			<100	100-129	>129

Lipoprotein Subfractions

Lab: EZ

LDL PARTICLE NUMBER	nmol/L	1136				<1260	1260-1538	>1538
LDL SMALL	nmol/L		200			<162	162-217	>217
LDL MEDIUM	nmol/L		248			<201	201-271	>271
HDL LARGE	nmol/L			4455		>9386	6996-9386	<6996

Apolipoproteins

Lab: EZ

APOLIPOPROTEIN B	mg/dL		87			<80	80-119	>=120
LIPOPROTEIN (a)	nmol/L	<10				<75	75-125	>125

For details on reference ranges please refer to the reference range/comment section of the report.

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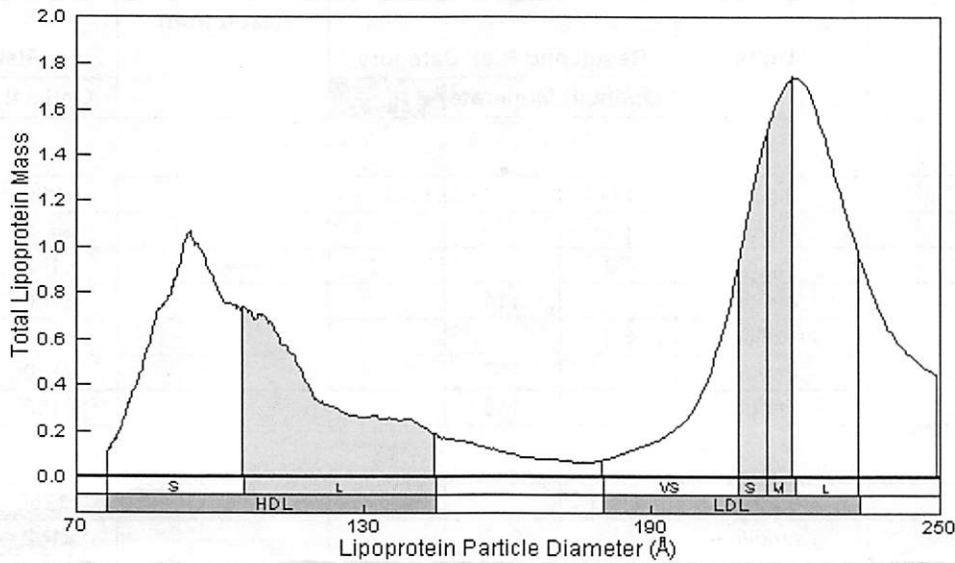
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LIPID SUBCLASS DETAIL FROM ION MOBILITY



Test Name	Units	Result and Risk Category			Result from	Risk Category Ranges		
		Optimal	Moderate	High		Optimal	Moderate	High

Lipoprotein Subfractions

Lab: EZ

LDL PATTERN	Pattern			B		A	N/A	B
LDL PEAK SIZE	Angstrom			217.6		>222.5	218.2-222.5	<218.2



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Reference Range/Comments

Analyte Name	Reference Range	Comments
CHOLESTEROL, TOTAL	125-200 mg/dL	Adult Reference Ranges for Cholesterol, Total:* > or = 20 Years: 125-200 mg/dL <200 (Desirable) 200-239 (Borderline) >=240 (Higher Risk) References: ** An executive summary of the NCEP guidelines, the "Third Report of the NCEP Expert Panel on Detection, Evaluation, and Treatment of High Blood Cholesterol in Adults." Journal of the American Medical Association. May 16, 2001.
HDL CHOLESTEROL	> OR = 46 mg/dL	
TRIGLYCERIDES	mg/dL	Adult Reference Ranges for Triglycerides**: <150 mg/dL (Normal) 150-199 mg/dL (Borderline High) 200-499 mg/dL (High) >=500 mg/dL (Very High) References: ** An executive summary of the NCEP guidelines, the "Third Report of the NCEP Expert Panel on Detection, Evaluation, and Treatment of High Blood Cholesterol in Adults." Journal of the American Medical Association. May 16, 2001.
LDL-CHOLESTEROL	mg/dL	<130 (DESIRABLE) 130-159 (BORDERLINE) >=160 (HIGH) Desirable range <100 mg/dL for patients with CHD or diabetes and <70 mg/dL for diabetic patients with known heart disease.
CHOL/HDLC RATIO	< OR = 5.0 calc	
NON-HDL CHOLESTEROL	mg/dL	Target for non-HDL cholesterol is 30 mg/dL higher than LDL cholesterol target
DIRECT LDL	<130 mg/dL	Desirable Range <100 mg/dL for patients with CHD or diabetes and <70 mg/dL for diabetic patients with known heart disease.
LDL PARTICLE NUMBER	1016-2185 nmol/L	Risk: Optimal <1260; Moderate 1260-1538; High >1538
LDL SMALL	115-386 nmol/L	Risk: Optimal <162; Moderate 162-217; High >217
LDL MEDIUM	121-397 nmol/L	Risk: Optimal <201; Moderate 201-271; High >271



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Reference Range/Comments

Analyte Name	Reference Range	Comments
HDL LARGE	5038-17886 nmol/L	Risk: Optimal >9386; Moderate 9386-6996; High <6996
LDL PATTERN	A Pattern	Risk: Optimal Pattern A; High Pattern B
LDL PEAK SIZE	> OR = 218.2 Angstrom	Risk: Optimal >222.5; Moderate 222.5-218.2; High <218.2 Adult cardiovascular event risk category cut points (optimal, moderate, high) are based on adult U.S. reference population. Association between lipoprotein subfractions and cardiovascular events is based on Musunuru et al. ATVB. 2009;29:1975.
APOLIPOPROTEIN B	49-103 mg/dL	Risk: Optimal < 80 mg/dL; Moderate 80-119 mg/dL; High > or = 120 mg/dL Cardiovascular event risk category cut points (optimal, moderate, high) are based on National Lipid Association recommendations - Davidson et al. J Clin Lipidol. 2011;5:338
LIPOPROTEIN (a)	<75 nmol/L	Risk: Optimal < 75 nmol/L; Moderate 75-125 nmol/L; High > 125 nmol/L Cardiovascular event risk category cut points (optimal, moderate, high) are based on Marcovina et al. Clin Chem. 2003;49:1785 and Nordestgaard et al. European Heart J. 2010;31:2844 (results of meta-analysis and expert panel recommendations).

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PERFORMING SITE:

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 QDV QUEST DIAGNOSTICS DENVER, 695 SOUTH BROADWAY, DENVER, CO 80209-4003 Laboratory Director: WILLIAM J. BECKER, DO, MPH, CLIA: 06D0514225

LIST OF RESULTS PRINTED IN THE OUT OF RANGE COLUMN:

SODIUM	130 L	135-146 mmol/L	KS
URIC ACID	2.2 L	2.5-7.0 mg/dL	KS
Therapeutic target for gout patients: <6.0 mg/dL			
ABSOLUTE LYMPHOCYTES	704 L	850-3900 cells/uL	QDV
HDL LARGE	4455 L	5038-17886 nmol/L	EZ
Risk: Optimal >9386; Moderate 9386-6996; High <6996			
LDL PATTERN	B	A Pattern	EZ
Risk: Optimal Pattern A; High Pattern B			
LDL PEAK SIZE	217.6 L	> OR = 218.2 Angstrom	EZ
Risk: Optimal >222.5; Moderate 222.5-218.2; High <218.2			
Adult cardiovascular event risk category cut points (optimal, moderate, high) are based on adult U.S. reference population. Association between lipoprotein subfractions and cardiovascular events is based on Musunuru et al. ATVB. 2009;29:1975.			