



Patient Information	Specimen Information	Client Information
<b>KELLY, CHRISTOPHER</b>  <b>DOB: 02/13/1976    AGE: 42</b> Gender: M    Fasting: Y Phone: 415.706.9979 Patient ID: 6734 Health ID: 8573014544878920	Specimen: SA016922G Requisition: 0003209 Lab Ref #: 38432  Collected: 06/05/2018 / 07:03 PDT Received: 06/05/2018 / 21:41 PDT Reported: 06/06/2018 / 02:40 PDT	Client #: 97512001    0000000 MATADEEN-ALI, CHANDR ULTA LAB TESTS-UNIV SERV 8436 E SHEA BLVD STE 102 SCOTTSDALE, AZ 85260-6673

COMMENTS:    FASTING: YES

Test Name	In Range	Out Of Range	Reference Range	Lab
LIPID PANEL WITH RATIOS				
<b>CHOLESTEROL, TOTAL</b>		<b>259 H</b>	<200 mg/dL	UL
HDL CHOLESTEROL	84		>40 mg/dL	UL
TRIGLYCERIDES	59		<150 mg/dL	UL
<b>LDL-CHOLESTEROL</b>		<b>160 H</b>	mg/dL (calc)	UL
Reference range: <100				
Desirable range <100 mg/dL for primary prevention; <70 mg/dL for patients with CHD or diabetic patients with > or = 2 CHD risk factors.				
LDL-C is now calculated using the Martin-Hopkins calculation, which is a validated novel method providing better accuracy than the Friedewald equation in the estimation of LDL-C. Martin SS et al. JAMA. 2013;310(19): 2061-2068 (http://education.QuestDiagnostics.com/faq/FAQ164)				
CHOL/HDL C RATIO	3.1		<5.0 (calc)	UL
LDL/HDL RATIO	1.9		(calc)	UL
	Below Average Risk:	<2.28		
	Average Risk:	2.29-4.90		
	Moderate Risk:	4.91-7.12		
	High Risk:	>7.13		
<b>NON HDL CHOLESTEROL</b>		<b>175 H</b>	<130 mg/dL (calc)	UL
For patients with diabetes plus 1 major ASCVD risk factor, treating to a non-HDL-C goal of <100 mg/dL (LDL-C of <70 mg/dL) is considered a therapeutic option.				
COMPREHENSIVE METABOLIC				UL
PANEL				
GLUCOSE	89		65-99 mg/dL	
Fasting reference interval				
UREA NITROGEN (BUN)	19		7-25 mg/dL	
CREATININE	1.18		0.60-1.35 mg/dL	
eGFR NON-AFR. AMERICAN	76		> OR = 60 mL/min/1.73m2	
eGFR AFRICAN AMERICAN	88		> OR = 60 mL/min/1.73m2	
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	
SODIUM	141		135-146 mmol/L	
POTASSIUM	4.8		3.5-5.3 mmol/L	
CHLORIDE	106		98-110 mmol/L	
CARBON DIOXIDE	28		20-31 mmol/L	
CALCIUM	9.9		8.6-10.3 mg/dL	
PROTEIN, TOTAL	7.2		6.1-8.1 g/dL	
ALBUMIN	4.6		3.6-5.1 g/dL	
GLOBULIN	2.6		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	1.8		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.6		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	50		40-115 U/L	
AST	30		10-40 U/L	



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Test Name	In Range	Out Of Range	Reference Range	Lab
ALT	35		9-46 U/L	
PHOSPHATE (AS PHOSPHORUS)	3.4		2.5-4.5 mg/dL	UL
URIC ACID	5.2		4.0-8.0 mg/dL	UL
Therapeutic target for gout patients: <6.0 mg/dL				
LD	150		100-220 U/L	UL
GGT	12		3-95 U/L	UL
CBC (INCLUDES DIFF/PLT)				UL
WHITE BLOOD CELL COUNT	5.1		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	5.08		4.20-5.80 Million/uL	
HEMOGLOBIN	14.9		13.2-17.1 g/dL	
HEMATOCRIT	45.7		38.5-50.0 %	
MCV	90.0		80.0-100.0 fL	
MCH	29.3		27.0-33.0 pg	
MCHC	32.6		32.0-36.0 g/dL	
RDW	12.6		11.0-15.0 %	
PLATELET COUNT	232		140-400 Thousand/uL	
MPV	10.8		7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	2264		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	2086		850-3900 cells/uL	
ABSOLUTE MONOCYTES	459		200-950 cells/uL	
ABSOLUTE EOSINOPHILS	250		15-500 cells/uL	
ABSOLUTE BASOPHILS	41		0-200 cells/uL	
NEUTROPHILS	44.4		%	
LYMPHOCYTES	40.9		%	
MONOCYTES	9.0		%	
EOSINOPHILS	4.9		%	
BASOPHILS	0.8		%	
IRON AND TOTAL IRON				UL
BINDING CAPACITY				
IRON, TOTAL	77		50-180 mcg/dL	
IRON BINDING CAPACITY	293		250-425 mcg/dL (calc)	
% SATURATION	26		15-60 % (calc)	
FERRITIN	98		20-380 ng/mL	UL

**PERFORMING SITE:**

UL QUEST DIAGNOSTICS SACRAMENTO, 3714 NORTHGATE BLVD, SACRAMENTO, CA 95834-1617 Laboratory Director: M. ROSE AKIN, M.D., FCAP, CLIA: 05D0644209