



Patient Information	Specimen Information	Client Information
ENRIQUEZ, LAURA DR DOB: 10/09/1989 AGE: 33 Gender: F Fasting: Y Phone: 323.253.5907 Patient ID: 539486202429441 Health ID: 8573031553077681	Specimen: EN025711K Requisition: 0005887 Lab Ref #: 550836897710113 Collected: 12/30/2022 Received: 12/30/2022 / 23:16 PST Reported: 12/31/2022 / 09:04 PST	Client #: 91106023 MAIL000 PARONIAN, GREGOR SOUTHERN CA INTERNIST Attn: MEDICAL GROUP 1713 E WALNUT ST PASADENA, CA 91106-1611

COMMENTS: FASTING: YES

Test Name	In Range	Out Of Range	Reference Range	Lab
LIPID PANEL WITH REFLEX TO DIRECT LDL				
CHOLESTEROL, TOTAL	187		<200 mg/dL	EN
HDL CHOLESTEROL	51		> OR = 50 mg/dL	EN
TRIGLYCERIDES	72		<150 mg/dL	EN
LDL-CHOLESTEROL		120 H	mg/dL (calc)	EN
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	3.7		<5.0 (calc)	EN
NON HDL CHOLESTEROL		136 H	<130 mg/dL (calc)	EN
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 PANEL				EN
GLUCOSE	87		65-99 mg/dL	
Fasting reference interval				
UREA NITROGEN (BUN)	9		7-25 mg/dL	
CREATININE	0.72		0.50-0.97 mg/dL	
EGFR	113		> OR = 60 mL/min/1.73m2	
The eGFR is based on the CKD-EPI 2021 equation. To calculate the new eGFR from a previous Creatinine or Cystatin C result, go to https://www.kidney.org/professionals/kdoqi/gfr%5Fcalculator				
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	
SODIUM	136		135-146 mmol/L	
POTASSIUM	4.6		3.5-5.3 mmol/L	
CHLORIDE	105		98-110 mmol/L	
CARBON DIOXIDE	27		20-32 mmol/L	
CALCIUM	9.0		8.6-10.2 mg/dL	
PROTEIN, TOTAL	6.8		6.1-8.1 g/dL	
ALBUMIN	4.2		3.6-5.1 g/dL	
GLOBULIN	2.6		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	1.6		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.6		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	48		31-125 U/L	
AST	16		10-30 U/L	
ALT	14		6-29 U/L	
HEMOGLOBIN A1c	5.3		<5.7 % of total Hgb	EN
For the purpose of screening for the presence of				



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Test Name	In Range	Out Of Range	Reference Range	Lab
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diabetes:

<5.7% Consistent with the absence of diabetes
5.7-6.4% Consistent with increased risk for diabetes
 (prediabetes)
> or =6.5% Consistent with diabetes

This assay result is consistent with a decreased risk of diabetes.

Currently, no consensus exists regarding use of hemoglobin Alc for diagnosis of diabetes in children.

According to American Diabetes Association (ADA) guidelines, hemoglobin Alc <7.0% represents optimal control in non-pregnant diabetic patients. Different metrics may apply to specific patient populations. Standards of Medical Care in Diabetes(ADA).

TSH W/REFLEX TO FT4	1.67	mIU/L	EN
		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

CBC (INCLUDES DIFF/PLT)			EN
WHITE BLOOD CELL COUNT	7.0	3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	4.60	3.80-5.10 Million/uL	
HEMOGLOBIN	13.1	11.7-15.5 g/dL	
HEMATOCRIT	40.4	35.0-45.0 %	
MCV	87.8	80.0-100.0 fL	
MCH	28.5	27.0-33.0 pg	
MCHC	32.4	32.0-36.0 g/dL	
RDW	13.0	11.0-15.0 %	
PLATELET COUNT	284	140-400 Thousand/uL	
MPV	11.5	7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	4473	1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	1729	850-3900 cells/uL	
ABSOLUTE MONOCYTES	462	200-950 cells/uL	
ABSOLUTE EOSINOPHILS	273	15-500 cells/uL	
ABSOLUTE BASOPHILS	63	0-200 cells/uL	
NEUTROPHILS	63.9	%	
LYMPHOCYTES	24.7	%	
MONOCYTES	6.6	%	
EOSINOPHILS	3.9	%	
BASOPHILS	0.9	%	

VITAMIN B12/FOLATE, SERUM PANEL			EN
VITAMIN B12	592	200-1100 pg/mL	
FOLATE, SERUM	13.0	ng/mL	
		Reference Range	
		Low: <3.4	
		Borderline: 3.4-5.4	



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Test Name		In Range	Out Of Range	Reference Range	Lab
				Normal :	>5.4

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Endocrinology

Test Name	Result	Reference Range	Lab
VITAMIN D,25-OH,TOTAL,IA	22 L	30-100 ng/mL	EN
Vitamin D Status 25-OH Vitamin D: Deficiency: <20 ng/mL Insufficiency: 20 - 29 ng/mL Optimal: > or = 30 ng/mL For 25-OH Vitamin D testing on patients on D2-supplementation and patients for whom quantitation of D2 and D3 fractions is required, the QuestAssured(TM) 25-OH VIT D, (D2,D3), LC/MS/MS is recommended: order code 92888 (patients >2yrs). For additional information, please refer to http://education.QuestDiagnostics.com/faq/FAQ199 (This link is being provided for informational/ educational purposes only.) Physician Comments:			

PERFORMING SITE:

QUEST DIAGNOSTICS-WEST HILLS, 8401 FALLBROOK AVENUE, WEST HILLS, CA 91304-3226 Laboratory Director: TAB TOOCHINDA,MD, CLIA: 05D0642827

LIST OF RESULTS PRINTED IN THE OUT OF RANGE COLUMN:

LDL-CHOLESTEROL	120 H	mg/dL (calc)	EN
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.

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NON HDL CHOLESTEROL	136 H	<130 mg/dL (calc)	EN
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VITAMIN D,25-OH,TOTAL,IA	22 L	30-100 ng/mL	EN
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Vitamin D Status	25-OH Vitamin D:
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Deficiency:	<20	ng/mL
Insufficiency:	20 - 29	ng/mL
Optimal:	> or = 30	ng/mL

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