



# Report Status: Final ENRIQUEZ, LAURA DR

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

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Test Name	In Range	Out Of Range	Reference Range	Lab
LIPID PANEL WITH REFLEX TO DIREC	T LDL			
CHOLESTEROL, TOTAL	187		<200 mg/dL	EN
HDL CHOLESTEROL	51		> OR = 50 mg/dL	${ t EN}$
TRIGLYCERIDES	72		<150 mg/dL	${ t EN}$
LDL-CHOLESTEROL		120 H	mg/dL (calc)	${ t EN}$
Reference range: <100				
Desirable range <100 mg/dL <70 mg/dL for patients with with > or = 2 CHD risk fact	n CHD or diabe			
LDL-C is now calculated us: calculation, which is a val better accuracy than the Fr estimation of LDL-C. Martin SS et al. JAMA. 2013	lidated novel riedewald equa 3;310(19): 206	method providing ation in the 51-2068	3	
(http://education.QuestDiag		[aq/FAQ164)		
CHOL/HDLC RATIO	3.7		<5.0 (calc)	EN
NON HDL CHOLESTEROL		136 H	<130 mg/dL (calc)	EN
For patients with diabetes factor, treating to a non-I (LDL-C of <70 mg/dL) is conoption.	HDL-C goal of	<100 mg/dL		
COMPREHENSIVE METABOLIC				EN
PANEL				
GLUCOSE	87		65-99 mg/dL	
		Fa	sting 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 CI		mation. To calc		
the new eGFR from a previouresult, go to https://www.l	us Creatinine	or Cystatin C	2230	
kdoqi/gfr%5Fcalculator	NOW ADDITO	ADI E	( )) (~)	
BUN/CREATININE RATIO	NOT APPLIC	ABLE	6-22 (calc) 135-146 mmol/L	
SODIUM 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	ng for the pre	esence of		





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Test Name In Range Out Of Range Reference Range Lab

diabetes:

VITAMIN B12

<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

200-1100 pg/mL

Pregnancy Ranges
First trimester 0.26-2.66

Second trimester 0.55-2.73 Third trimester 0.43-2.91

ΕN

ΕN

CBC (INCLUDES DIFF/PLT) 7.0 WHITE BLOOD CELL COUNT 3.8-10.8 Thousand/uL 4.60 3.80-5.10 Million/uL RED BLOOD CELL COUNT 11.7-15.5 g/dLHEMOGLOBIN 13.1 40.4 35.0-45.0 % HEMATOCRIT MCV 87.8 80.0-100.0 fL

 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

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ABSOLUTE BASOPHILS 63 0-200 cells/ui
NEUTROPHILS 63.9 %
LYMPHOCYTES 24.7 %
MONOCYTES 6.6 %
EOSINOPHILS 3.9 %

BASOPHILS 0.9 %
VITAMIN B12/FOLATE,
SERUM PANEL

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 Nam	<b>A</b>	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: Insufficiency: Optimal: For 25-OH Vitamin D testing on QuestAssureD(TM) 25-OH VIT		nL nL tation and patients for who	m quantitation of D2 and D3 fractions is 92888 (patients >2yrs).	required, the
For additional information, please purposes only.)	refer to http://education.Qu	iestDiagnostics.com/faq/FA	AQ199 (This link is being provided for inf	ormational/ educational
Physician Comments:				
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### **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
                                                              mg/dL (calc)
                                                                                           ΕN
                                               120 H
   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)
NON HDL CHOLESTEROL
                                                              <130 mg/dL (calc)
                                               136 H
                                                                                           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.
                                               22 L
                                                              30-100 ng/mL
                                                                                           ΕN
VITAMIN D,25-OH,TOTAL,IA
   Vitamin D Status
                             25-OH Vitamin D:
   Deficiency:
                                   <20 \text{ ng/mL}
                               20 - 29 ng/mL
   Insufficiency:
   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
```

CLIENT SERVICES: 866.697.8378

code 92888 (patients >2yrs).

SPECIMEN: EN025711K