

Patient Information	Specimen Information	Client Information

## COMMENTS:

Test Name	In Range	Out Of Range	Reference Range	Lab
HOMOCYSTEINE	8.0		<10.4 umol/L	EN
Homocysteine is increased by functional deficiency of folate or vitamin B12. Testing for methylmalonic acid differentiates between these deficiencies. Other causes of increased homocysteine include renal failure, folate antagonists such as methotrexate and phenytoin, and exposure to nitrous oxide.				
Selhub J, et al., Ann Intern Med. 1999;131(5):331-9.				
COMPREHENSIVE METABOLIC PANEL				EN
GLUCOSE	84		65-99 mg/dL	
Fasting reference interval				
UREA NITROGEN (BUN)	7		7-25 mg/dL	
CREATININE	0.79		0.50-0.96 mg/dL	
EGFR	105		> 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 <a href="https://www.kidney.org/professionals/kdoqi/gfr%5Fcalculator">https://www.kidney.org/professionals/kdoqi/gfr%5Fcalculator</a>				
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	
SODIUM	142		135-146 mmol/L	
POTASSIUM	4.2		3.5-5.3 mmol/L	
CHLORIDE	105		98-110 mmol/L	
CARBON DIOXIDE	32		20-32 mmol/L	
CALCIUM	9.7		8.6-10.2 mg/dL	
PROTEIN, TOTAL	6.6		6.1-8.1 g/dL	
ALBUMIN	4.2		3.6-5.1 g/dL	
GLOBULIN	2.4		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	1.8		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.4		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	58		31-125 U/L	
AST	29		10-30 U/L	
ALT	26		6-29 U/L	
RETICULOCYTE COUNT				EN
RETICULOCYTE COUNT, AUTOMATED	1.5		%	
RETICULOCYTE, ABSOLUTE	60300		20000-80000 cells/uL	
SICKLE CELL SCREEN	NEGATIVE		NEGATIVE	EN

Hemoglobin solubility testing alone is insufficient for detecting or confirming the presence of sickling hemoglobins in some situations. Additional testing may be required for diagnosis of hemoglobinopathies.

For additional information, please refer to <http://education.questdiagnostics.com/faq/FAQ99v1> (This link is being provided for informational/educational purposes only.)

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CBC (INCLUDES DIFF/PLT)				EN
WHITE BLOOD CELL COUNT	5.1		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	4.00		3.80-5.10 Million/uL	
HEMOGLOBIN	12.2		11.7-15.5 g/dL	
HEMATOCRIT	36.3		35.0-45.0 %	
MCV	90.8		80.0-100.0 fL	
MCH	30.5		27.0-33.0 pg	
MCHC	33.6		32.0-36.0 g/dL	
RDW	11.6		11.0-15.0 %	
PLATELET COUNT	267		140-400 Thousand/uL	
MPV	11.0		7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	1928		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	1907		850-3900 cells/uL	
ABSOLUTE MONOCYTES	546		200-950 cells/uL	
<b>ABSOLUTE EOSINOPHILS</b>		<b>638 H</b>	15-500 cells/uL	
ABSOLUTE BASOPHILS	82		0-200 cells/uL	
NEUTROPHILS	37.8		%	
LYMPHOCYTES	37.4		%	
MONOCYTES	10.7		%	
EOSINOPHILS	12.5		%	
BASOPHILS	1.6		%	
IRON AND TOTAL IRON				EN
BINDING CAPACITY				
IRON, TOTAL	53		40-190 mcg/dL	
IRON BINDING CAPACITY	252		250-450 mcg/dL (calc)	
% SATURATION	21		16-45 % (calc)	
FERRITIN	28		16-154 ng/mL	EN
TRANSFERRIN	195		188-341 mg/dL	EN
VITAMIN B12/FOLATE, SERUM PANEL				EN
VITAMIN B12	1039		200-1100 pg/mL	
FOLATE, SERUM	>24.0		ng/mL	
			Reference Range	
			Low: <3.4	
			Borderline: 3.4-5.4	
			Normal: >5.4	

# PERFORMING SITE:

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

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	=====			EN
FECAL GLOBIN BY IMMUNOCHEMISTRY				
Micro Number:	17253037			
Test Status:	Final			
Specimen Source:	Insure (tm) fobt test card			
Specimen Quality:	Adequate			
Fecal Globin:	Not Detected			

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