

Specimen TZ246255L
Requisition 857813
Lab Ref No

Collected Date 11/22/2023 08:14
Received Date 11/22/2023 08:15

Ultra Lab Tests, LLC
9237 E Via de Ventura, Suite 220
Scottsdale, AZ 85258
[UltraLabTests.com](https://www.UltraLabTests.com)

Legend

Result Value Colors

Normal Result is within the clinical reference range

Result Value Labels

L Below Low Normal

Comments

FASTING: YES FASTING: YES

Result	Value	Reference Range	Lab
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Cardiovascular Health

Vitamin Deficiency

Homocysteine

HOMOCYSTEINE	5.7 11/23/23	<10.4 umol/L	TP
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Comments 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.

Metabolic & Endocrine Health

Thyroid

TSH

We advise having your results reviewed by a licensed medical healthcare professional for proper interpretation of your results.

Result	Value	Reference Range	Lab
TSH	3.32 11/23/23	mIU/L	TP
Comments	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		

Diabetes & Insulin Resistance

Comprehensive Metabolic Panel (CMP)

GLUCOSE	83 11/23/23	65-99 mg/dL	TP
Comments	Fasting reference interval		

Liver Health

Liver Enzymes and Function Tests

Comprehensive Metabolic Panel (CMP)

PROTEIN, TOTAL	6.3 11/23/23	6.1-8.1 g/dL	TP
ALBUMIN	4.1 11/23/23	3.6-5.1 g/dL	TP
GLOBULIN	2.2 11/23/23	1.9-3.7 g/dL (calc)	TP
ALBUMIN/GLOBULIN RATIO	1.9 11/23/23	1.0-2.5 (calc)	TP
BILIRUBIN, TOTAL	0.3 11/23/23	0.2-1.2 mg/dL	TP
ALKALINE PHOSPHATASE	63 11/23/23	31-125 U/L	TP
AST	12 11/23/23	10-30 U/L	TP
ALT	14 11/23/23	6-29 U/L	TP

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Result	Value	Reference Range	Lab
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Kidney & Urinary Health

Kidney Function Metabolic

Comprehensive Metabolic Panel (CMP)

UREA NITROGEN (BUN)	14 11/23/23	7-25 mg/dL	TP
CREATININE	0.59 11/23/23	0.50-0.97 mg/dL	TP
EGFR	120 11/23/23	> OR = 60 mL/min/1.73m2	TP
BUN/CREATININE RATIO	SEE NOTE: 11/23/23	6-22 (calc)	TP

Comments Not Reported: BUN and Creatinine are within reference range.

CALCIUM	9.1 11/23/23	8.6-10.2 mg/dL	TP
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Electrolytes

Electrolytes

Comprehensive Metabolic Panel (CMP)

SODIUM	139 11/23/23	135-146 mmol/L	TP
POTASSIUM	4.1 11/23/23	3.5-5.3 mmol/L	TP
CHLORIDE	108 11/23/23	98-110 mmol/L	TP
CARBON DIOXIDE	26 11/23/23	20-32 mmol/L	TP

Blood Health

Iron

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Result	Value	Reference Range	Lab
Ferritin			
FERRITIN	12 L 11/23/23	16-154 ng/mL	TP

Platelets

CBC (includes Differential and Platelets)

PLATELET COUNT	220 11/23/23	140-400 Thousand/uL	TP
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Red Blood Cells

CBC (includes Differential and Platelets)

RED BLOOD CELL COUNT	4.02 11/23/23	3.80-5.10 Million/uL	TP
HEMOGLOBIN	12.1 11/23/23	11.7-15.5 g/dL	TP
HEMATOCRIT	36.3 11/23/23	35.0-45.0 %	TP
MCV	90.3 11/23/23	80.0-100.0 fL	TP
MCH	30.1 11/23/23	27.0-33.0 pg	TP
MCHC	33.3 11/23/23	32.0-36.0 g/dL	TP
RDW	12.3 11/23/23	11.0-15.0 %	TP
MPV	10.5 11/23/23	7.5-12.5 fL	TP

White Blood Cells

CBC (includes Differential and Platelets)

WHITE BLOOD CELL COUNT	5.4 11/23/23	3.8-10.8 Thousand/uL	TP
ABSOLUTE NEUTROPHILS	2300 11/23/23	1500-7800 cells/uL	TP

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Result	Value	Reference Range	Lab
ABSOLUTE LYMPHOCYTES	2468 11/23/23	850-3900 cells/uL	TP
ABSOLUTE MONOCYTES	437 11/23/23	200-950 cells/uL	TP
ABSOLUTE EOSINOPHILS	162 11/23/23	15-500 cells/uL	TP
ABSOLUTE BASOPHILS	32 11/23/23	0-200 cells/uL	TP
NEUTROPHILS	42.6 11/23/23	%	TP
LYMPHOCYTES	45.7 11/23/23	%	TP
MONOCYTES	8.1 11/23/23	%	TP
EOSINOPHILS	3.0 11/23/23	%	TP
BASOPHILS	0.6 11/23/23	%	TP

Performing Laboratory Information

TP Quest Diagnostics-Tampa

4225 E Fowler Ave Tampa, Florida 33617-2026 Weston H Rothrock MD

NOTE: Only measurable biomarkers will be reported. Certain biomarkers do not appear in healthy individuals.

NOTE: Ultra Lab Tests provides CBC test results from Quest Diagnostics as they are reported. Often, different biomarker results are made available at different time intervals. When reporting the results, Ultra Lab Tests denotes those biomarkers not yet reported as 'pending' for every biomarker the test might report. Only biomarkers Quest Diagnostics observes are incorporated and represented in the final CBC test results provided by Ultra Lab Tests.