

Report Status FINAL
Route 5000 Ordered by:
House Account SAZ Out of State Provider
630 N. Alvernon Way
Suite 120
Tucson, AZ 85711



Carrie Lam, MD

Patient Information: LINDGREN, ERIC

Account: 33131 Collected: 02/09/2024 03:01 PM Order #: 331315077875 / NL97198705
ID/MR#: 11858 Received: 02/09/2024 03:02 PM DOB: 01/11/1983 Age: 41Y-0M-29D
Patient Lab ID: 64af58577e3d41160ef4662e Reported: 02/09/2024 08:45 PM Sex: M Fasting: No
Patient Phone: 617-487-2805

TEST	RESULTS	REFERENCE RANGES	UNITS	PL
HEMATOLOGY				
CBC w/ Differential, w/ Platelet				
WBC	6.2	4.0 - 11.0	k/mm3	TC
RBC	5.20	4.30 - 6.00	m/mm3	TC
Hemoglobin	15.5	13.0 - 18.0	g/dL	TC
Hematocrit	47.4	40.0 - 53.0	%	TC
MCV	91.2	78.0 - 100.0	fL	TC
MCH	29.8	27.0 - 34.0	pg	TC
MCHC	32.7	31.0 - 37.0	g/dL	TC
Platelet Count	122 L	130 - 450	k/mm3	TC
RDW(sd)	41.2	38.0 - 49.0	fL	TC
RDW(cv)	12.4	11.0 - 15.0	%	TC
MPV	Cancelled*		fL	TC
Segmented Neutrophils	64.2*		%	TC
Lymphocytes	25.0		%	TC
Monocytes	7.6		%	TC
Eosinophils	2.4		%	TC
Basophils	0.6		%	TC
Absolute Neutrophil	3.99	1.60 - 9.30	k/uL	TC
Absolute Lymphocyte	1.55	0.60 - 5.50	k/uL	TC
Absolute Monocyte	0.47	0.10 - 1.60	k/uL	TC
Absolute Eosinophil	0.15	0.00 - 0.70	k/uL	TC
Absolute Basophil	0.04	0.00 - 0.20	k/uL	TC
Immature Granulocytes	0.2		%	TC
Absolute Immature Granulocytes	0.01	0.00 - 0.10	k/uL	TC
NRBC RE, Nucleated Red Blood Cell	0.0	0.0 - 1.0	%	TC
Percent				
*MPV:	Not measured by the analyzer.			
*Segmented Neutrophils:	Automated Diff			

CHEMISTRY				
Folate	6.9	≥4.0	ng/mL	TC
Serum for folate determinations should be collected as a fasting test.				
Comprehensive Metabolic Panel				
Glucose	80*	70 - 99	mg/dL	TC
Urea Nitrogen (BUN)	29 H	7 - 21	mg/dL	TC
Creatinine	0.88	0.68 - 1.37	mg/dL	TC

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Table with 5 columns: Test Name, Result, Reference Range, Units, and TC. Rows include eGFRcr CKD-EPI (111*), BUN/Creatinine Ratio (33.0 H), Sodium (144), Potassium (4.4), Chloride (105), Carbon Dioxide (CO2) (30), Anion Gap (9), Protein, Total (6.6), Albumin (4.5), Globulin (2.1), Albumin/Globulin Ratio (2.1), Calcium (9.2), Alkaline Phosphatase (110), Alanine Aminotransferase (39), Aspartate Aminotransferase (23), and Bilirubin, Total (0.4).

*Glucose: Glucose reference range reflects fasting state.
*eGFRcr CKD-EPI: eGFRcr calculated using the CKD-EPI 2021 equation

Table with 6 columns: TEST, RESULTS, REFERENCE RANGES, UNITS, RELATIVE RISK, PL

CARDIOVASCULAR TESTING

Cardio IQ Lipid Panel

Table with 6 columns: Test Name, Result, Reference Range, Units, Relative Risk, and TC. Rows include Cholesterol (145), Triglyceride (86), Cholesterol/HDL Ratio (3.4), HDL Cholesterol (43), Non-HDL Cholesterol (102), LDL Cholesterol, Calculated (83*), and VLDL Cholesterol (19).

*LDL Cholesterol, Calculated: LDL-C is calculated by using the Martin-Hopkins equation. (JAMA. 2013;310(19):2061-2068)
For moderately high risk and high risk cardiac patients, reference levels of <100 mg/dL and <70 mg/dL, respectively, should be considered. Circulation 2004; 110:227-239.

Cardio IQ Hemoglobin A1c*

Table with 6 columns: Test Name, Result, Reference Range, Units, Relative Risk, and TC. Rows include Hemoglobin A1c (5.5*) and Estimated Average Glucose (eAG) (111).

*Hemoglobin A1c: The American Diabetes Association (ADA) guidelines for interpreting Hemoglobin A1c are as follows:
Non-Diabetic patient: <=5.6%
Increased risk for future Diabetes: 5.7-6.4%
ADA diagnostic criteria for Diabetes: >=6.5%

Report Status FINAL

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Suite 120

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**Sonora Quest
Laboratories™**

A Subsidiary of Laboratory Sciences of Arizona

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For most patients, a reasonable goal for therapy is <7%. For patients with limited life expectancy or where the harms of treatment are greater than the benefits, a goal of <8% may be more appropriate. In pregnant patients, a more stringent goal of <6% may be appropriate or <7% if there is a risk of hypoglycemia. Diabetes Care. 2023; 46(Suppl 1):S254-S266.

***Cardio IQ Hemoglobin A1c:**

If the presence of a hemoglobin variant is suspected, do not use % HbA1c results for diagnosis of diabetes mellitus.

In uncontrolled diabetics, high levels of Hemoglobin F (Hb F) may be present. Presence of Hb F greater than 7% of total may result in lower than expected % HbA1c.

Any cause that shortens erythrocyte survival or decreases mean erythrocyte age may reduce expected % HbA1c values even in the presence of elevated average blood glucose. Causes may include hemolytic disease, homozygous sickle cell trait, pregnancy, and recent significant/chronic blood loss. In addition, recent blood transfusions can alter expected % HbA1c values.

Tests Ordered: CBC w/ Differential, w/ Platelet; Folate; Comprehensive Metabolic Panel; Cardio IQ Lipid Panel; Cardio IQ Hemoglobin A1c**Values Outside of Reference Range**

TEST	RESULTS	REFERENCE RANGES	UNITS
Platelet Count	122 L	130 - 450	k/mm3
Urea Nitrogen (BUN)	29 H	7 - 21	mg/dL
BUN/Creatinine Ratio	33.0 H	10.0 - 28.0	

Values listed above may not include all results considered abnormal for this patient (e.g., text-only results, such as those for some pathology/cytology specimens, and results for analytes without established reference ranges will not appear). Always review the entire patient report and correlate all results with the patient's clinical condition.

Unless otherwise noted, testing performed by: Sonora Quest Laboratories, 424 S 56th St, Phoenix, AZ 85034 800.766.6721

Testing noted as TC performed by: Sonora Quest Laboratories of Tucson, 630 N Alvernon Way, Tucson, AZ 85711 800.266.8101

End of Report**LINDGREN, ERIC Order #: 331315077875 / NL97198705 - FINAL Report**

L=Low, H=High, C=Critical Abnormal, CL=Critical Low, CH=Critical High, *=Comment

Distribution #: 687846349-687846349



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