

Patient: D'AMICO, DOMENICA

Lab No: 2021-201961256



Age: 47 years Gender: F

Reference #:

Date of Birth: Mar 27 1974

Patient ID: 2021201961256

HC #: 6086444376

Referring Site ID:

Patient's Phone: (905) 337-3897

Date of Service: Jul 15 2021 12:33

Ordered by: CHEN DR. ANDY

Reported on: Jul 21 2021 23:32

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Test	Flag	Result	Reference Range - Units	Lab Lic. #
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Hematology

#5407

WBC		9.5	4.0 - 11.0	x E9/L
RBC	HI	6.10	4.00 - 5.10	x E12/L
Hemoglobin	LO	118	120 - 160	g/L
Hematocrit		0.376	0.350 - 0.450	L/L
MCV	LO	62	80 - 100	fL
MCH	LO	19.3	27.5 - 33.0	pg
MCHC		314	305 - 360	g/L
RDW	HI	17.7	11.5 - 14.5	%
Platelet Count		233	150 - 400	x E9/L

Differential

Neutrophils		7.2	2.0 - 7.5	x E9/L
Lymphocytes		1.7	1.0 - 3.5	x E9/L
Monocytes		0.5	0.2 - 1.0	x E9/L
Eosinophils		0.1	0.0 - 0.5	x E9/L
Basophils		0.0	0.0 - 0.2	x E9/L
Immature Granulocytes		0.0	0.0 - 0.1	x E9/L
Nucleated RBC		0		/100 WBC

Morphology

WBC Morphology	NORMAL
RBC Morphology	Few Elliptocytes/Ovalocytes Slight Hypochromasia Moderate Microcytosis Few Teardrop Forms
Platelet Morphology	Film held for Pathologist's report.

Pathologist Review --
RBC indices and features suggestive of thalassemia or hemoglobinopathy. Recommend hemoglobin fractionation only if status unknown.
F. Moid M.D., Pathologist

Biochemical Investigation of Anemias

Vitamin B12	359	138-652	pmol/L
Ferritin	51	5-272	ug/L

FINAL RESULTS

IMPORTANT:

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Urinalysis

Urinalysis Chemical

Collection Date		21-JUL-2021		
Collection Time		NOT GIVEN		
		Interpret results with caution as date &/or time of collection was not provided to the lab. Urine is stable for 24h when refrigerated.		
Colour		STRAW		
Appearance		SLIGHTLY CLOUDY		
Specific Gravity		1.006	1.001 - 1.030	
pH		6.0	5.0 - 8.0	
Protein		NEGATIVE	NEGATIVE	g/L
Glucose		NEGATIVE	NEGATIVE	mmol/L
Ketones		NEGATIVE	NEGATIVE	mmol/L
Erythrocytes	HI	2	NEGATIVE	mg/L
Nitrite		NEGATIVE	NEGATIVE	
Leukocyte Esterase	HI	500	NEGATIVE	WBC/uL

Urinalysis Microscopic

Collection Date		21-JUL-2021		
Collection Time		NOT GIVEN		
		Please note that all urinary elements were tested by microscopic urinalysis but only those observed in the sample are reported.		
		Interpret results with caution as date &/or time of collection was not provided to the lab. Urine is stable for 24h when refrigerated.		
Erythrocytes		1-2	0 - 2	/HPF
		Test repeated and results confirmed.		
Leukocytes	HI	11-20	0 - 5	/HPF
Squamous Epithelial Cells		1-5	0 - 5	/HPF
Bacteria	HI	PRESENT	ABSENT	/HPF

General Chemistry

Glucose Random	4.9	3.6 - 7.7	mmol/L
Hemoglobin A1C/Total Hemoglobin	5.0	<6.0	%

Diabetes Canada 2018 Guidelines:

 Screening and Diagnosis: < 5.5 % Normal
 5.5% - 5.9 % At risk
 6.0% - 6.4 % Prediabetes
 >OR= 6.5 % Diabetes Mellitus
 If HbA1c >OR= 6.5 % and asymptomatic, confirm using Fasting Glucose, HbA1c or 75g OGTT.

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General Chemistry

Monitoring: <OR= 7.0 %

Target in adults without comorbidities. Other targets may be more appropriate in children, elderly and patients with comorbidities.

Results may not accurately reflect mean blood glucose in patients with hemoglobin variants, disorders associated with abnormal erythrocyte turnover, severe renal and liver disorders.

Sodium		140	135-145	mmol/L
Potassium		4.4	3.5-5.2	mmol/L
Creatinine		58	50-100	umol/L
Glomerular Filtration Rate (eGFR)		106		

Normal eGFR is described as greater than or equal to 90 ml/min/1.73 m2.

For patients of African descent, the reported eGFR must be multiplied by 1.15.

Effective May 4 2015, eGFR is calculated using the CKD-EPI 2009 equation.

KDIGO 2012 guidelines highlight the importance of eGFR and urine albumin creatinine ratio (ACR) in screening, diagnosis and management of CKD. Results for eGFR should be interpreted in concert with ACR.

Urate		181	150-390	umol/L
			Female Reference Intervals (umol/L)	
			>or= 13yrs 150-390	
			Postmenopausal 210-450	
Bilirubin Total		8	<20	umol/L
Alkaline Phosphatase		65	35-120	U/L
Alanine Aminotransferase		19	<36	U/L
Magnesium		0.89	0.70-1.00	mmol/L
Amylase		83	30-110	U/L

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Lipids

Hours After Meal		1	Hours	
Triglyceride		2.39	mmol/L	
Cholesterol		5.44	mmol/L	
HDL Cholesterol		1.02	mmol/L	

New formulation (24/Sep/2018): In some patients with abnormal liver function, the HDL-c result may be different due to the presence of lipoproteins with abnormal lipid distribution.

Non HDL Cholesterol		4.42	mmol/L	
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Non HDL-Cholesterol is not affected by the fasting status of the patient.

LDL Cholesterol (Calculated)		3.33	mmol/L	
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LDL-C calculation is decreased if fasting < or = 10 hours. Consider the Non HDL-C value as an alternate lipid target if monitoring treatment in intermediate or high risk patients.

Cholesterol/HDL Cholesterol Lipid Target Values		5.3		
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Lipid Target Values should be based on patient 10 year CVD risk assessment.

! High or Intermediate CVD risk

-----!
Primary ! LDL-C < or = 2.0 mmol/L OR
Tx target ! > or = 50% decrease in LDL-C

!
Alternate ! Non HDL-C < or = 2.6 mmol/L OR
Tx target ! ApoB < or = 0.8 g/L

-----!
! Low CVD risk

-----!
Primary ! > or = 50% decrease in LDL-C
Tx target !

Thyroid Function

Thyroid Stimulating Hormone [TSH]		1.48	0.32-4.00	miU/L
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