

Patient: **SOMERVILLE, SUSAN CARYLL**

Lab No: **2021-W21670580**



Age: 60 years Gender: F

Reference #:

Date of Birth: Mar 21 1961

Patient ID:

HC #: **3001444896**

Referring Site ID:

Patient's Phone: +1 206-979-6008

Date of Service: Jun 16 2021 08:42

Address: 100 International Blvd.
Toronto, Ontario
Canada M9W 6J6

Ordered by: TOBIN DR. THOMAS

Reported on: Jun 16 2021 23:38

Telephone: (877) 849-3637
Toll Free: (877) 849-3637
Fax: (905) 795-9891

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Test	Flag	Result	Reference Range - Units	Lab Lic. #
Hematology				
WBC		8.2	4.0 - 11.0 x E9/L	#5651
RBC		4.96	4.00 - 5.10 x E12/L	
Hemoglobin		140	120 - 160 g/L	
Hematocrit		0.416	0.350 - 0.450 L/L	
MCV		84	80 - 100 fL	
MCH		28.2	27.5 - 33.0 pg	
MCHC		337	305 - 360 g/L	
RDW		12.7	11.5 - 14.5 %	
Platelet Count		218	150 - 400 x E9/L	
Differential				
Neutrophils		5.2	2.0 - 7.5 x E9/L	
Lymphocytes		2.1	1.0 - 3.5 x E9/L	
Monocytes		0.6	0.2 - 1.0 x E9/L	
Eosinophils		0.3	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	
Erythrocyte Sedimentation Rate		19	2 - 30 mm/hr	

Biochemical Investigation of Anemias

Vitamin B12	387	138-652	pmol/L	#5687
Ferritin	105	5-272	ug/L	

Lab -5687: LifeLabs, 100 International Blvd., Toronto, Ontario.
Lab -5651: BELLEVILLE, 51 Adam Street, Belleville, Ontario.

FINAL RESULTS

IMPORTANT:

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Urinalysis

Urinalysis Chemical

Collection Date		16-JUN-2021		
Collection Time		08:42		
Colour		YELLOW	NONE/YELLOW	
Appearance		SLIGHTLY CLOUDY		
Specific Gravity		1.023	1.001 - 1.030	
pH		6.0	5.0 - 8.0	
Protein		NEGATIVE	NEGATIVE	g/L
Glucose		NEGATIVE	NEGATIVE	mmol/L
Ketones	HI	0.5	NEGATIVE	mmol/L
Erythrocytes	HI	0.3	NEGATIVE	mg/L
Borderline result for predicting hematuria (based on LifeLabs internal microscopy comparison study, 2019). Repeat if clinically indicated.				
Nitrite		NEGATIVE	NEGATIVE	
Leukocyte Esterase		NEGATIVE	NEGATIVE	WBC/uL

General Chemistry

Glucose Fasting		4.8	3.6 - 6.0	mmol/L	#5651
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Hemoglobin A1C/Total Hemoglobin		5.6	<6.0	%	#5687
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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.

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.

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General Chemistry

#5651

Sodium		144	135-145	mmol/L
Potassium		4.3	3.5-5.2	mmol/L
Chloride		104	98-108	mmol/L
Creatinine		79	50-100	umol/L
Glomerular Filtration Rate (eGFR)		70		

An eGFR from 60-89 ml/min/1.73 m2 is consistent with mildly decreased kidney function. However, in the absence of other evidence of kidney disease, eGFR values in this range do not fulfill the KDIGO criteria for chronic kidney disease. Interpret results in concert with ACR measurement.

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.

Bilirubin Total		8	<20	umol/L
Alkaline Phosphatase		64	35-120	U/L
Alanine Aminotransferase		17	<36	U/L

Lipids

Hours After Meal		12		Hours
Triglyceride		0.90		mmol/L
Cholesterol		5.45		mmol/L
HDL Cholesterol		2.26		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		3.19		mmol/L
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Non HDL-Cholesterol is not affected by the fasting status of the patient.

LDL Cholesterol		2.78		mmol/L
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Consider the non HDL-C value as an alternate lipid target if monitoring treatment in intermediate or high risk patients.

Cholesterol/HDL Cholesterol		2.4		
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Lipids

Lipid Target Values

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]
Thyroxine Free [Free T4]
Triiodothyronine Free [Free T3]

2.73 0.32-4.00 mIU/L
15 9-19 pmol/L
4.2 2.6-5.8 pmol/L

#5687

Serum Proteins

C Reactive Protein

HI 72.0 <5.0 mg/L

Test method: Roche Cobas CRP, suitable for cardiovascular disease assessment and detection of active inflammation.
CRP >=2.0 mg/L is a risk-enhancing factor for cardiovascular disease, as defined in the Guidelines of the American Heart Association and the American College of Cardiology (JACC 2019; 74: e177).

CRP results >=5.0 mg/L may be due to acute inflammation.

New method as of April 04, 2021. Results are equivalent and reference cutoff is unchanged.

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