

Patient: **DODDS, JAMES BRENDEN**

Lab No: **2022-HZ6170275**



Age: 30 years Gender: M

Reference #:

Date of Birth: Jul 12 1991

Patient ID: 2022HZ6170275

HC #: **7040476504**

Referring Site ID:

Patient's Phone: (519) 709-9423

Date of Service: Jan 17 2022 10:44

Ordered by: ZAJAC DR. MATEUSZ

Reported on: Jan 18 2022 00:50

Copy To:

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

Telephone: (877) 849-3637

Toll Free: (877) 849-3637

Fax: (905) 795-9891

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

#5407

WBC		5.5	4.0 - 11.0	x E9/L
RBC		4.53	4.50 - 6.00	x E12/L
Hemoglobin		144	135 - 175	g/L
Hematocrit		0.418	0.400 - 0.500	L/L
MCV		92	80 - 100	fL
MCH		31.8	27.5 - 33.0	pg
MCHC		344	305 - 360	g/L
RDW		12.9	11.5 - 14.5	%
Platelet Count		244	150 - 400	x E9/L

Differential

Neutrophils		3.0	2.0 - 7.5	x E9/L
Lymphocytes		1.9	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

Biochemical Investigation of Anemias

Vitamin B12		310	138-652	pmol/L
Ferritin		131	22-275	ug/L

Urinalysis

Urinalysis Chemical

Collection Date	17-JAN-2022		
Collection Time	10:44		
Appearance	CLEAR	Clear	
	New method implemented in October 2021. Reporting categories updated, reference intervals remain the same.		
Colour	YELLOW	Yellow	
Specific Gravity	1.025		
pH	7.5	5.0 - 8.0	
Protein	NEGATIVE	Negative	g/L
Glucose	NEGATIVE	Negative	mmol/L
Ketones	NEGATIVE	Negative	mmol/L
Blood	NEGATIVE	Negative	RBC/uL
Nitrite	NEGATIVE	Negative	
Leukocytes	NEGATIVE	Negative	WBC/uL

Please see <https://tests.lifelabs.com/Urinalysis/>

Lab - 5407: KENNEDY, 6560 Kennedy Road, Mississauga, Ontario.

FINAL RESULTS

IMPORTANT:

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Urinalysis

Urinalysis Chemical

URINALYSIS-CHEMICAL.aspx?s=1 for alternative reporting units.

General Chemistry

Glucose Random	4.1	3.6 - 7.7	mmol/L
Hemoglobin A1C/Total Hemoglobin	5.1	<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.

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	143	135-145	mmol/L
Potassium	4.0	3.5-5.2	mmol/L
Creatinine	84	67-117	umol/L
Glomerular Filtration Rate (eGFR)	107		

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.

Alanine Aminotransferase	18	<50	U/L
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Lipids

Hours After Meal		0	Hours	
Triglyceride		2.75	mmol/L	
Cholesterol		5.06	mmol/L	
HDL Cholesterol		1.15	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		3.91	mmol/L	
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Non HDL-Cholesterol is not affected by the fasting status of the patient.

LDL Cholesterol		2.66	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		4.4		
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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]		1.52	0.32-4.00	miU/L
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