Dynacare®

COLLECTION TIME 06/13/2025 @ 00:00

LAB NUMBER 5029184962

STATUS FINAL

SERVICE DATE 06/13/2025 @ 13:29

REPORT DATE 06/13/2025 @ 19:28

115 Midair Court,, , Brampton,, ON. L6T5M3

TEL: (905) 790-3000 RESULT INQUIRY (905) 790-3030

PATIENT	HEALTH NUMBER	CLIENT
NYHOF, JENNIFER	0000000001	G.A. JOHNSON
183 MARYLAND ST. 9	DATE OF BIRTH	
MANITOBA	06/14/1982	
R3G1L4	SEX AGE	
	F 42	
PHONE	CHART	
(431) 278-6383		
COMMENTS		
CAN#: LRCA310822-1		

CODES	TEST DESCRIPTION	RESULT	REFERENCE RANGE	ABN

C H E M I S T R Y

GLUCOSE SERUM FASTING	5.0	mmol/L	

3.6 - 6.0 NORMAL FASTING GLUCOSE
6.1 - 6.9 IMPAIRED FASTING GLUCOSE
>6.9 PROVISIONAL DIAGNOSIS OF DIABETES MELLITUS

UREA	11.5	2.5 - 8.1 mmol/L	H
CREATININE	75.	50 - 100 umol/L	
eGFR	88.	>=60. mL/min/1.73m**2	

eGFR is calculated using the CKD-EPI 2021 equation which does not use a race-based adjustment.

An eGFR result >=60 ml/min/1.73m**2 rules out CKD stage 3-5. Assessment of urine ACR is required to definitively rule out or confirm CKD diagnosis. The KidneyWise toolkit (kidneywise.ca) recommends remeasuring eGFR and urine ACR annually for people with diabetes mellitus and less frequently in others unless clinical circumstances dictate otherwise.

CALCIUM	2.38	2.15 - 2.60 mmol/L	
PHOSPHORUS	1.20	0.80 - 1.45 mmol/L	
PROTEIN	69.	60 - 80 g/L	
ALBUMIN	47.	35 - 52 g/L	
GLOBULIN	22.	17 - 32 g/L	

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	BILIRUBIN TOTAL	3.	<23 umol/L	
	URATE	161.	149 - 422 umol/L	
	CHOLESTEROL	5.97	< 5.20 mmol/L	H
	Total cholesterol and HDL-C used for risk assessment and to calculate non-HDL-C.			
	TRIGLYCERIDES	1.78	< 1.70 mmol/L	H
	If nonfasting, triglycerides <2.00 mmol/L desired.			
	IRON	17.	6 - 27 umol/L	
	TIBC	57.	45 - 77 umol/L	
	SATURATION	0.30	0.20 - 0.50 /1	
	VITAMIN B12	600.	221 - 918 pmol/L	
	60% of symptomatic patients have a hematologic or neurologic response to B12 supplementation at a level < 148 pmol/L Vitamin B12 Deficiency: < 148 pmol/L Vitamin B12 Insufficiency: 148 to 220 pmol/L			
	FERRITIN	36.	30 - 125 ug/L	

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In patients with concomitant inflammation, use Iron studies, including TIBC and Transferrin Saturation, to assess Iron Deficiency status.
In absence of concomitant inflammation, Ferritin levels can be interpreted as follows:
30-50: Probable iron deficiency
51-100: Possible iron deficiency, if risk factors are present
101-300: Iron deficiency unlikely
For guidance, see www.hemequity.com/raise-the-bar

SODIUM	140.	136 - 146	mmol/L
POTASSIUM	4.9	3.7 - 5.4	mmol/L
CHLORIDE	104.	95 - 108	mmol/L
BICARBONATE	23.	20 - 30	mmol/L
ALKALINE PHOSPHATASE	82.	35-122	U/L
LD	177.	110 - 215	U/L
CK	149.	<190	U/L
GGT	16.	< 36	U/L
AST	23.	<31	U/L
ALT	24.	<36	U/L
TSH	4.46	0.35 - 5.00	mIU/L
T4 FREE	16.	11 - 23	pmol/L
FOLATE, SERUM	26.8	> 8.8	nmol/L

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	CRP	0.7	< 8.0 mg/L	
	25 HYDROXY VITAMIN D	82.	DEFICIENCY: < 25 nmol/L	
			INSUFFICIENCY: 25 - 75 nmol/L	
			SUFFICIENCY: 76 - 250 nmol/L	
			TOXICITY: > 250 nmol/L	
	H E M A T O L O G Y			
	HEMOGLOBIN	133.	110 - 147 g/L	
	HEMATOCRIT	0.41	0.33 - 0.44 l/l	
	RBC	4.4	3.8 - 5.2 x 10E12/L	
	RBC INDICES: MCV	94.	76 - 98 fl	
	. MCH	30.	24 - 33 pg	
	. MCHC	322.	313 - 344 g/L	
	RDW	14.4	12.5 - 17.3	
	WBC	6.8	3.2 - 9.4 x 10E9/L	
	E.S.R.	7.	F: 0 - 20 mm/hr	
	PLATELETS	296.	155 - 372 x 10E9/L	
	MPV	10.0	4.0 - 14.0 fl	
	DIFFERENTIAL WBC'S :			
	NEUTROPHILS	3.7	1.4 -6.3 x10E9/L	
	LYMPHOCYTES	2.2	1.0 -2.9 x10E9/L	
	MONOCYTES	0.4	0.2 -0.8 x10E9/L	

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	EOSINOPHILS	0.2	0.0 -0.5 x10E9/L	
	BASOPHILS	0.07	0.00-0.09x10E9/L	