Version: 7 of 7

Detail Results: Patient Info				Results Info	
Patient Name:	KRYSTIE BABALOS	**Home Phone:**	(604)838-0317	**Date of Service:**	2025-06-26 07:57:00
Date of Birth:	1984-07-18	**Work Phone:**		**Date Received:**	2025-07-09 15:52
Age:	40 years	**Sex:**	F	**Report Status:**	Final
Health #:	9015128098	**Patient Location:**	LIFELABS	**Client Ref. #:**	39206
				Accession #:	25-215543015

Requesting Client: JOSEPH NOBLE **cc: Client:** CAITLIN DUNNE, LAURA NICHOLAS, JOSEPH NOBLE

GENERAL

Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status
General Information						
hours pc: 13						

HAEM1

Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status
Hematology Panel						
WBC	7.7	N	4.0-10.0	10*9/L	2025-06-26 13:30:22	Final
RBC	5.09	A	3.50-5.00	10*12/L	2025-06-26 13:30:22	Final
Hemoglobin	139	N	115-155	g/L	2025-06-26 13:30:22	Final
Hematocrit	0.44	N	0.35-0.45	L/L	2025-06-26 13:30:22	Final
MCV	86	N	82-98	fl	2025-06-26 13:30:22	Final
MCH	27.3	A	27.5-33.5	pg	2025-06-26 13:30:22	Final
MCHC	316	N	300-370	g/L	2025-06-26 13:30:22	Final
RDW	12.9	N	11.5-14.5	%	2025-06-26 13:30:22	Final
Platelet Count	242	N	150-400	10*9/L	2025-06-26 13:30:22	Final
Neutrophils	4.5	N	2.0-7.5	10*9/L	2025-06-26 13:30:22	Final
Lymphocytes	2.3	N	1.0-4.0	10*9/L	2025-06-26 13:30:22	Final
Monocytes	0.7	N	0.1-0.8	10*9/L	2025-06-26 13:30:22	Final
Eosinophils	0.1	N	0.0-0.7	10*9/L	2025-06-26 13:30:22	Final
Basophils	0.0	N	0.0-0.2	10*9/L	2025-06-26 13:30:22	Final
Granulocytes Immature	0.0	N	0.0-0.1	10*9/L	2025-06-26 13:30:22	Final
ESR	11	N	2-30	mm/hr	2025-06-26 14:30:44	Final

CHEM1

Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status
Iron / TIBC						
Iron	19.5	N	10.6-33.8	umol/L	2025-06-27 05:40:21	Final
Transferrin	2.55	N	2.00-4.00	g/L	2025-06-27 05:40:21	Final
Iron Saturation	0.30	N	0.13-0.45		2025-06-27 05:40:21	Final
	The reference interval has changed at the higher end as 45% or 0.45 TSAT is suggestive of iron overload.					
Vitamin B12	498			pmol/L	2025-06-27 05:40:21	Final

CHEM1

Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status
	> 220 pmol/L Normal, deficiency unlikely 150-220 pmol/L Borderline, deficiency is possible < 150 pmol/L Low, consistent with deficiency Effective July 15 2024, clinical cut-offs will replace reference intervals for test interpretation.					
Ferritin	150	N	15-247	ug/L	2025-06-27 05:40:21	Final
	Adults >18 y: <15 ug/L: diagnostic of iron deficiency 15-30 ug/L: probable iron deficiency >30 ug/L: iron deficiency unlikely >100 ug/L: normal iron stores =>600 ug/L: consider test for iron overload See BC guideline for Iron Deficiency Diagnosis and Management, 2019					

CHEM4

Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status
Glucose Fasting	5.5	N	3.3-5.5	mmol/L	2025-06-27 05:40:21	Final
Electrolytes						
Sodium	140	N	135-145	mmol/L	2025-06-27 05:40:21	Final
Potassium	4.1	N	3.5-5.0	mmol/L	2025-06-27 05:40:21	Final
Creatinine/eGFR						
Creatinine	62	N	45-90	umol/L	2025-06-27 05:40:21	Final
Estimated GFR	109	N	>=60		2025-06-27 05:40:21	Final
	Units for eGFR are mL/min/1.73sq.m Kidney function estimate based on assumption of a stable serum creatinine concentration: diet, drugs, pregnancy, clinical state and muscle mass can affect accuracy of the estimate. Urinary ACR may assist interpretation. See https://www2.gov.bc.ca/gov/content/health/practitioner-professional-resources/bc-guidelines/chronic-kidney-disease					
Gamma GT	9	N	<44	U/L	2025-06-27 05:40:21	Final
Alanine Aminotransferase	11	N	<36	U/L	2025-06-27 05:40:21	Final

CHEM6

Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status
Lipids						
Cholesterol	4.80	N	2.00-5.19	mmol/L	2025-06-27 05:40:21	Final
LDL Cholesterol	2.69	N	1.50-3.40	mmol/L	2025-06-27 05:40:21	Final

CHEM6

Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status
	The optimal LDL cholesterol level for intermediate and high risk individuals is <= 2.00 mmol/L. If triglycerides are => 1.50 mmol/L, consider monitoring of alternate lipid targets non HDL-cholesterol or apoB. For low risk individuals with LDL cholesterol => 5.00 mmol/L, target reduction of LDL cholesterol => 50 percent. See Can J Cardiol 2013 vol 29 pgs 151 to 167.					
HDL Cholesterol	1.81	N	>1.19	mmol/L	2025-06-27 05:40:21	Final
Chol/HDL (Risk Ratio)	2.65	N	<4.4		2025-06-27 05:40:21	Final
Non HDL Cholesterol	2.99			mmol/L	2025-06-27 05:40:21	Final
	Non HDL-cholesterol is calculated from total cholesterol and HDL-C and is not affected by the fasting status of the patient. The optimal non HDL-cholesterol level for intermediate and high risk individuals is <= 2.60 mmol/L. See Can J Cardiol 2013 vol 29 pgs 151 to 167.					
Triglycerides	0.67	N	<2.21	mmol/L	2025-06-27 05:40:21	Final

CHEM7

Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status
Homocysteine	5.6	N	5.1-15.4	umol/L	2025-06-26 14:50:23	Final

CHEM11

Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status
TSH	2.28	N	0.32-5.04	mU/L	2025-06-27 05:40:21	Final
	The FT4 and FT3 orders were cancelled as per BC Guidelines. However, the specimen will be stored for seven days. Gestational reference intervals: 1st Trimester 0.10-3.50 mU/L 2nd Trimester 0.30-3.50 mU/L 3rd Trimester 0.45-4.00 mU/L					
Thyroperoxidase Ab	14	N	<35	IU/mL	2025-06-26 14:30:44	Final

CHEM15

Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status
Estradiol	2977	A		pmol/L	2025-06-27 05:40:21	Final
	Follicular: 77 - 921 pmol/L Midcycle: 139 - 2382 pmol/L Luteal: 77 - 1145 pmol/L Postmenopausal: <103 pmol/L					
Progesterone	158.5	A		nmol/L	2025-06-27 05:40:21	Final
	Follicular: < 1.7 nmol/L Luteal: 2.2 - 60 nmol/L Postmenopausal: < 0.7 nmol/L The lower threshold to confirm ovulation is 18 nmol/L.					

CHEM17

Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status
C Reactive Protein	0.5	N	<5.0	mg/L	2025-06-27 05:40:21	Final

Test method: Abbott Alinity hs-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).

CHEM18

Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status
Nuclear Ab Titre	Neg	N	Titre <1:80		2025-06-27 14:00:24	Final

Negative: Antinuclear antibodies (ANA) are negative at 1:80 titre.

Tissue Transglutaminase Ab IgA	<0.5	N	<12.0	U/mL	2025-06-26 14:30:44	Final

NEGATIVE
IgA antibody to tissue transglutaminase has approximately 95% sensitivity and specificity for gluten enteropathy. False negative results may occur with a gluten-restricted diet or IgA deficiency. The BioPlex method includes an internal control to confirm IgA is sufficient, thus avoiding false negatives due to IgA deficiency.

This and the preceding tests were performed at Burnaby Reference Laboratory - 3680 Gilmore Way, Burnaby, BC, V5G 4V8

CHEM23

Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status
Zinc	13.1	N	9.2-26.0	umol/L	2025-07-09 14:50:27	Final
Copper	19.4	N	13-24	umol/L	2025-07-09 14:50:27	Final

This and the preceding tests were performed at Victoria Reference Laboratory - 3201-4464 Markham Street, Victoria, BC, V8Z 7X8

END OF REPORT