

**Michelle Kuisma**

398 Royal York Road Etobicoke Ontario M8Y 2R5

Tel: 416-201-0836 Fax: 416-259-0184

## Consultation Request

Date:	2025-10-22	Patient:	AZANDRA DIXON, AKEYA
Status:	Urgent	Address:	80 PELMO CRES NORTH York, ON, M9N 2X8
Service:	Endocrinology	Phone:	437-220-9475
Consultant:	LMC Diabetes & Endocrinology, Etobicoke	Work Phone:	
Phone:	416-645-1035	Cell Phone:	
Fax:	1-877-562-2778	Email:	dixonakeya@gmail.com
Address:	1723 Kipling Ave., Suite 2B	Birthdate:	1994-07-19 (y/m/d)
		Sex:	M
		Health Card No.:	(ON) 9466917508 TA
		Appointment date:	
		Time:	
		Chart No.:	

## Reason for consultation:

Please see this lovely 31 year old with presumed T2DM- hba1c 12.5  
 on Basaglar 10 units- increased to 15 units but not checking sugars at all.  
Please see

## Pertinent Clinical Information:

Ectopic pregnancy- salpingectomy in 2020 Lichen sclerosis of the vulva Type II DM

## Current Medications:

Free Style Libre Sensors Use As Directed Qty:6 Repeats:100  
 Basaglar Kwikpen 100 Unit/ml 15 Units At Bedtime. Can Dispense 100 Needles If Needed Qty:2  
 Repeats:3  
 Euro-fer 300mg 1 Capsule Once Daily Qty:100 Repeats:3

Free Style Libre Sensors Use As Directed Qty:6 Repeats:100  
 Basaglar Kwikpen 100 Unit/ml 15 Units At Bedtime. Can Dispense 100 Needles If Needed Qty:2  
 Repeats:3  
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Referring Practitioner : Dr. Kuisma, Michelle (040275)

MRP : Kuisma, Michelle (040275)

Requesting Physician : Dr. Kuisma, Michelle (040275)

Signature:



Detail Results: Patient Info				Results Info		
Patient Name:	KEYEA AZANDRA DIXON	Home Phone:		Date of Service:	2025-10-08 08:15:00	
Date of Birth:	1994-07-19	Work Phone:		Date Received:	2025-10-13 21:00	
Age:	31 years	Sex:	F	Report Status:	complete	
Health #:	9466917508	Patient Location:	LIFELABS ONTARIO	Client Ref. #:	117368	
				Accession #:	2025-EW2810226	
Requesting Client: MICHELLE KUISMA		cc: Client: MICHELLE KUISMA				

GENERAL		Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status	Lab Lic #

## Clinical Information

Clinical Information	Please note: patient demographics presented on the report have been changed to match the health card record with the Ministry	2025-10-08 08:17:51	F	5687
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HAEM1		Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status	Lab Lic #
Complete Blood Count									

WBC	5.5	4.0 - 11.0	x E9/L	2025-10-08 16:13:36	F	
RBC	4.68	4.00 - 5.10	x E12/L	2025-10-08 16:13:36	F	
Hemoglobin	126	120- 160	g/L	2025-10-08 16:13:36	F	
Hematocrit	0.404	0.350 - 0.450	L/L	2025-10-08 16:13:36	F	
MCV	86	80 - 100	fL	2025-10-08 16:13:36	F	
MCH	26.9	L	27.5 - 33.0	pg	2025-10-08 16:13:36	F
MCHC	312	305 - 360	g/L	2025-10-08 16:13:36	F	
RDW	12.2	11.5 - 14.5	%	2025-10-08 16:13:36	F	
Platelets	293	150 - 400	x E9/L	2025-10-08 16:13:36	F	
Neutrophils	2.4	2.0 - 7.5	x E9/L	2025-10-08 16:13:36	F	
Lymphocytes	2.6	1.0 - 3.5	x E9/L	2025-10-08 16:13:36	F	
Monocytes	0.4	0.2 - 1.0	x E9/L	2025-10-08 16:13:36	F	
Eosinophils	0.1	0.0 - 0.5	x E9/L	2025-10-08 16:13:36	F	
Basophils	0.0	0.0 - 0.2	x E9/L	2025-10-08 16:13:36	F	
Immature Granulocytes	0.0	0.0 - 0.1	x E9/L	2025-10-08 16:13:36	F	
Nucleated RBC	0	/100 WBC		2025-10-08 16:13:36	F	

CHEM1		Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status	Lab Lic #
Vitamin B12	726	>220	pmol/L		2025-10-08 22:03:58	F			5407

&gt;220 pmol/L: Normal, deficiency unlikely

150-220 pmol/L: Borderline, deficiency is possible

&lt;150 pmol/L: Low, consistent with deficiency

Ferritin	27	L	ug/L	2025-10-08 22:04:08	F
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**CHEM1**

Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status	Lab Lic #
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Result <30 ug/L consistent with iron deficiency.

For guidance, see [www.hemequity.com/raise-the-bar](http://www.hemequity.com/raise-the-bar)

**CHEM4**

Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status	Lab Lic #
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Glucose Fasting	12.4	H	3.6 - 6.0	mmol/L	2025-10-08 21:52:54	F	
Fasting Glucose greater than or equal to 7.0 mmol/L after an 8 hr fast can be used as a provisional diagnosis of diabetes mellitus. If asymptomatic, a repeat confirmation test using Fasting Glucose, HbA1c, or 75g OGTT must be done.							
Sodium	134	L	135-145	mmol/L	2025-10-08 21:52:54	F	
Potassium	4.6		3.5-5.2	mmol/L	2025-10-08 21:52:54	F	
Chloride	103		102-113	mmol/L	2025-10-08 21:52:54	F	
Alkaline Phosphatase	137	H	35-120	U/L	2025-10-08 21:52:54	F	
Alanine Aminotransferase	12		<36	U/L	2025-10-08 21:52:54	F	
<b>Hemoglobin A1c</b>							
Hemoglobin A1C/Total Hemoglobin	12.5	H	<6.0	%	2025-10-08 17:06:36	F	5687

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\*\*\*

\*\*\*Regarding diagnosis: in the absence of symptomatic hyperglycemia, if a single laboratory test result is in the diabetes range, a repeat confirmatory laboratory test (FPG, A1C, 2hPG in a 75 g OGTT) must be done on another day for diagnosis confirmation.

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.

**Creatinine/GFR**

Creatinine	33	L	50-100	umol/L	2025-10-08 21:52:54	F	5407
Glomerular Filtration Rate (eGFR)	>120		See below		2025-10-08 21:52:54	F	

Reference interval: =>60 mL/min/1.73m<sup>2</sup>

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

**CHEM6**

Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status	Lab Lic #
<b>Lipid Assessment</b>							
Hours After Meal	13			Hours	2025-10-08 21:52:54	F	
Triglyceride	0.47			mmol/L	2025-10-08 21:52:54	F	
	FASTING: <1.70 mmol/L NON-FASTING: <2.00 mmol/L						
Cholesterol	3.63		<5.20	mmol/L	2025-10-08 21:52:54	F	
	Total cholesterol and HDL-C used for risk assessment and to calculate non HDL-C.						
HDL Cholesterol	1.45		>=1.30	mmol/L	2025-10-08 21:52:54	F	
	HDL-C <1.30 mmol/L indicates risk for metabolic syndrome.						
Non HDL Cholesterol	2.18		<4.20	mmol/L	2025-10-08 21:52:54	F	
	Non HDL-Cholesterol is not affected by the fasting status of the patient.						
LDL Cholesterol	1.93		<3.50	mmol/L	2025-10-08 21:52:54	F	
	LDL-C is calculated using the NIH equation.						
	For additional LDL-C and non-HDL-C thresholds based on risk stratification, refer to 2021 CCS Guidelines. Can J Cardiol. 2021;37(8):1129-1150.						
Cholesterol/HDL Cholesterol	2.5				2025-10-08 21:52:54	F	
	Cholesterol/HDL-C is not included in the 2021 CCS guideline as a lipid initiation or treatment target but is recognized as an indicator of high CVD risk at Cholesterol/HDL-C ratio >6.0						

**CHEM10**

Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status	Lab Lic #
<b>Albumin Creatinine Ratio Urine Random</b>							
5 Year KFRE	NOT APPLICABLE		< 5	%	2025-10-09 13:06:46	F	5687
	Results rule out CKD stage 3-5 and albuminuria. 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.						
Albumin (Urine)	13			mg/L	2025-10-09 13:06:46	F	
	No reference interval has been established for this test.						
Creatinine (Urine)	14.0			mmol/L	2025-10-09 13:06:46	F	
	No reference interval has been established for this test.						
Albumin/Creatinine	0.9		< 3.0	mg/mmol	2025-10-09 13:06:46	F	

**CHEM11**

Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status	Lab Lic #
<b>Thyroid Stimulating Hormone (TSH)</b>							
Thyroid Stimulating Hormone	2.22		0.32-4.00	mIU/L	2025-10-08 22:03:58	F	5407

MICRO3		Test Name(s)	Result	Abn	Reference Range	Units	Date/Time Completed	Status	Lab Lic #
<b>Urine Culture</b>									
Specimen Source	MIDSTREAM URINE						2025-10-13 20:15:33	F	5687
Collection Date	08-OCT-2025						2025-10-13 20:15:33	F	
Collection Time	08:15						2025-10-13 20:15:33	F	
Culture Status	Final						2025-10-13 20:15:33	F	
Culture Report	Urine Culture						2025-10-13 20:15:33	F	
Organism	Group B Streptococcus						2025-10-13 20:15:33	F	
	10-100 x E6 CFU/L This isolate is predictably susceptible to Penicillin, Ampicillin, and Cefazolin. Two organisms seen in culture; second isolate is of doubtful significance.								

## END OF REPORT

5687 - LifeLabs 100 International Blvd. Toronto Ontario M9W 6J6 Canada B

5407 - KENNEDY 6560 Kennedy Road Mississauga Ontario L5T 2X4 Canada B