

**Patient Name:** HOWARTH, JACQUELINE  
**Patient Address:** 107 MATRON PORTER DR, NARRAWALLEE 2539  
**D.O.B:** 19/09/1967 **Gender:** F  
**Medicare No.:** 6900182933 **IHI No.:**  
**Lab. Reference:** 24-28173690-A1C-0 **Provider:** Lavery Pathology  
**Addressee:** DR WAN YI NG **Referred by:** DR. WAN YI NG  
  
**Date Requested:** 23/05/2024 **Date Performed:** 27/05/2024  
**Date Collected:** 27/05/2024 **Complete:** Final  
**Specimen:**  
**Subject(Test Name):** GLYCATED HAEMOGLOBIN (A1C-0)  
**Clinical Information:**

Clinical Notes : Yearly blood,HT.

	<u>GLYCATED HAEMOGLOBIN (HbA1c)</u>			
Request Number	12262339	22548881	28173690	
Date Collected	3 Aug 21	29 Mar 23	27 May 24	
Time Collected	08:10	00:00	08:30	
Specimen Type:	EDTA			
HbA1c-NGSP (4.0-6.0) %	5.2	5.2	5.1	
HbA1c-IFCC (20-42) mmol/m	33	33	32	

The WHO recommends that an HbA1c cut-off of  $\geq 6.5\%$  (48 mmol/mol) is used to diagnose type 2 diabetes.

While it is recognised that HbA1c levels approaching this cut-off place patients at increasingly higher risk of developing diabetes ( $<6.5\%$ ), there is no consensus as to exactly which cut-off at the lower end of the continuum to use for categorising patients as high risk. Various groups quote lower limits for at-risk patients that vary between 5.5% and 6.0% (37 and 42 mmol/mol).

Please note that HbA1c should not be used for diagnosing diabetes mellitus in the following circumstances:

- Children and young people
- Pregnancy - current or within the past 2 months
- Suspected Type 1 diabetes mellitus
- Symptoms of diabetes for  $<2$  months
- Patients who are acutely ill
- Patients taking drugs that can cause rapid onset hyperglycaemia such as corticosteroids, antipsychotic drugs
- Acute pancreatic damage or pancreatic surgery
- Kidney failure
- Patients being treated for HIV infection

Please be cautious when requesting or interpreting HbA1c when patients:

- May have an abnormal haemoglobin
- May be anaemic
- May have an altered red cell lifespan (e.g. post-splenectomy)
- May have had a recent blood transfusion

Requested Tests : VBF, TFT, STE\*, GLU, MBA, LIP, HOR, FE, FBE, DVI, AND\*, A1C