

Reference:	FOI.16626.25
Subject:	Lipid blood testing
Date of Request:	18 February 2025

Requested:

1. Can you send to me any guidelines or guidance utilised for Health Care Professionals on completing lipid tests?
2. Are lipid tests fasted or non fasted in Primary Care and in Secondary Care as standard?
3. Can all clinicians see Triglyceride results when lipid tests are completed?
4. What calculation is used within Hywel Dda HB (in Primary Care and Secondary Care) when creating a triglyceride result - Samson or Friedwald?

Response:

1. Hywel Dda University Health Board (UHB) does not have local guidelines for completing lipid tests. However, the UHB can confirm that it adheres to the National Institute for Health and Care Excellence (NICE) guidance. A link to the NICE guidance can be found using the below link:

[Overview | Cardiovascular disease: risk assessment and reduction, including lipid modification | Guidance | NICE](#)

2. The UHB confirms that both fasting and non-fasting lipid tests are accepted. The UHB's Pathology Team asks for fasting status to be noted on the request.
3. The UHB confirms that all clinicians can see Triglyceride results.
4. The UHB confirms that it currently uses the Friedwald calculation formula when creating a Triglyceride result. However, there are plans to move to the Samson calculation formula with a new Laboratory Information Management System (LIMS) during 2025.