

Pathology Services

Memorandum

To: All Service Users
From: Jamie West, Operational Manager, Clinical Biochemistry & Immunology
Date: November 13, 2015
Re: Change in Vitamin D methodology

Change in Vitamin D methodology

As of Thursday 12th November 2015, the Clinical Biochemistry department will be changing the methodology used for analysis of Vitamin D. The current high-pressure liquid chromatography (HPLC) method which measures both Vitamin D₃ and Vitamin D₂ will be replaced with an immunoassay Total Vitamin D method which includes Vitamin D₃ and Vitamin D₂.

The new method has an improved lower limit of detection allowing the reporting of results as low as 8nmol/L. additionally, implementation will improve the turnaround time of the test.

The reference ranges will continue to be as follows:

- < 30 nmol/l = "Vit D3 <30nmol/L indicates Vitamin D deficiency"
- ≥ 50 nmol/l = "Vit D3 >50nmol/L indicates adequate Vitamin D levels"

Any queries should be forwarded to the Consultant Chemical Pathologist, Dr Steven Martin (ext 8439).