

Health Care Provider Bulletin

LifeLabs Service Updates 05/30/2024

CHANGES TO VITAMIN B12 TESTING

Dear Health Care Providers,

Please be advised that effective **08 Jul 2024**, there will be changes to the Vitamin B12 test reports. Reference intervals will be removed from the test reports and will be replaced with medical decision limits¹ as follows:

Vitamin B12 concentration (pmol/L)	Interpretation
>220	Normal, deficiency unlikely
150 – 220	Borderline, deficiency is possible
<150	Low, consistent with deficiency

Results less than 220 pmol/L will be flagged as low. There will be no high flags as upper medical decision limit is not established due to low potential of toxicity.

To discuss any questions or concerns, please contact the following LifeLabs clinical biochemists:

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References

- 1) Hannibal, Luciana, et al. "Biomarkers and algorithms for the diagnosis of vitamin B12 deficiency." *Frontiers in molecular biosciences* 3 (2016): 27.
- 2) Vitamin B12: Fact Sheet for Health Professionals. <https://ods.od.nih.gov/factsheets/VitaminB12-HealthProfessional/> Accessed 30 May 2024