

## 16. RAISED VITAMIN B12

Do not measure B12 levels in those on parenteral replacement – it will be high

### Causes

- Oral self-administration of supra-physiological doses
- Liver disease, renal failure, autoimmune disease, inflammatory disorders, malignancy and myeloproliferative neoplasms (MPN)

MPN can effectively be excluded if there is a normal Full Blood Count and Blood Film.