

TEST CHANGE

Vitamin B12 with Reflex to Methylmalonic Acid, Serum (Vitamin B12 Status)

0055662, B12 MMA

Specimen Requirements:

Patient Preparation:

Collect: Plain red or serum separator tube. Also acceptable: Green (sodium or lithium heparin).

Specimen Preparation: Protect from light during collection, storage and shipment. Centrifuge and remove serum from cells within 2 hours of collection. Transfer **1.02** mL serum or plasma to an ARUP standard transport tube and refrigerate or freeze immediately. (Min: **0.61.5** mL)

Transport Temperature: Frozen.

Unacceptable Conditions: EDTA plasma. Room temperature specimens. Grossly hemolyzed or lipemic specimens.

Remarks:

Stability: After separation from cells: Ambient: Unacceptable; Refrigerated: 48 hours; Frozen: 1 month

Methodology: Quantitative Chemiluminescent Immunoassay (CLIA) / Quantitative Liquid Chromatography-Tandem Mass Spectrometry

Note: If Vitamin B12 is less than 300 pg/mL, then Methylmalonic Acid, Serum (Vitamin B12 Status) will be added. Additional charges apply.

CPT Codes: 82607; if reflexed, add 83921

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

Reference Interval:

Available Separately	Components	Reference Interval
Yes (0070150)	Vitamin B{sb:12}	Effective December 2, 2013 180-914 pg/mL
No	Methylmalonic Acid, Serum (Vitamin B{sb:12} Deficiency)	0.00-0.40 umol/L

