

Reporting Title: Cobalt, B  
Performing Location: Rochester

Ordering Guidance:

This test should not be ordered to assess vitamin B12 activity. For that assessment see B12 / Vitamin B12 Assay, Serum or ACASM / Pernicious Anemia Cascade, Serum.

High concentrations of gadolinium and iodine are known to interfere with most metal tests. If either gadolinium- or iodine-containing contrast media has been administered, a specimen should not be collected for 96 hours.

Specimen Requirements:

Container/Tube: Royal blue top (EDTA) Vacutainer plastic trace element blood collection tube

Specimen Volume: 1 mL

Collection Instructions:

- 1. See [Metals Analysis Specimen Collection and Transport](#) for complete instructions
- 2. Send whole blood specimen in original tube. **Do not aliquot.**

| Specimen Type | Temperature              | Time    | Special Container |
|---------------|--------------------------|---------|-------------------|
| Whole blood   | Refrigerated (preferred) | 28 days |                   |
|               | Ambient                  | 28 days |                   |
|               | Frozen                   | 28 days |                   |

Result Codes:

| Result ID | Reporting Name | Type    | Unit  | LOINC® |
|-----------|----------------|---------|-------|--------|
| 60355     | Cobalt, B      | Numeric | ng/mL | 5625-9 |

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

83018

Reference Values:

- 0-17 years: Not established
- > or =18 years: <1.0 ng/mL