

# Vitamin B12

**CPT Code:** 82607

**Order Code:** 927

**ABN Requirement:** No

**Alternative Name(s):** Cobalamin, Cyancobalamin

**Specimen:** Serum

**Volume:** 1.0 mL

**Minimum Volume:** 0.5 mL

**Container:** Gel-barrier tube (SST)

## Collection:

1. Collect and label sample according to standard protocols.
2. Gently invert tube 5 times immediately after draw. DO NOT SHAKE.
3. Allow blood to clot 30 minutes.
4. Centrifuge for 10 minutes.

**Transport:** Store serum at 2°C to 8°C after collection and ship the same day per packaging instructions included with the provided shipping box.

## Stability:

**Ambient (15-25°C):** 7 days

**Refrigerated (2-8°C):** 7 days

**Frozen (-20°C):** 28 days

**Causes for Rejection:** Specimens other than serum; improper labeling; samples not stored properly; samples older than stability limits; hemolysis

**Methodology:** Immunoassay (IA)

**Turn Around Time:** 1 to 3 days

## Reference Range:

Age	pg/mL
≤4 years	Not Established
5-9 years	250-1205

10-17 years	260-935
>17 years	200-1100

**Clinical Significance:** B12 is decreased in pernicious anemia, total or partial gastrectomy, malabsorption, and certain congenital and biochemical disorders.

*The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.*