Cancer Antigen 19-9

**CPT Code:** 86301  
**Order Code:** C132  
**ABN Requirement:** No  
**Synonyms:** CA 19-9; Carbohydrate Antigen 19-9  
**Specimen:** Serum  
**Volume:** 1.0 mL  
**Minimum Volume:** 0.5 mL  
**Container:** Gel-barrier tube (SST, Tiger Top)

**Collection:**

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

**Special Instructions:** Patients taking a Biotin dose of up to 5 mg/day should refrain from taking Biotin for 1 hour prior to sample collection. Patients taking a Biotin dose >5 mg/day to 10 mg/day should refrain from taking Biotin for 2 hours prior to sample collection. Patients taking a Biotin dose >10 mg/day should consult with their physician or the laboratory prior to having a sample taken.

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

**Stability:**

- **Ambient (15-25°C):** 24 hours  
- **Refrigerated (2-8°C):** 7 days  
- **Frozen (-20°C):** 6 months  
- **Deep Frozen (-70°C):** 6 months

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

**Methodology:** Immunoenzymatic Assay
**Turn Around Time:** 2 - 4 days

**Reference Range:**

<table>
<thead>
<tr>
<th>Age</th>
<th>U/mL</th>
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<tbody>
<tr>
<td>All Ages</td>
<td>&lt;36</td>
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**Clinical Information:** Evaluation and monitoring of patients with pancreatic cancer; also, patients with gastric and colorectal carcinoma. Patients must possess the ability to express the Lewis blood group antigen or they will be unable to produce the CA 19-9 antigen even in the presence of proven malignancy.

*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.*