5’ Nucleotidase

CPT Code: 83915
Order Code: C2386
ABN Requirement: No
Synonyms: Nucleotidase; 5NT
Specimen: Serum
Volume: 1.0 mL
Minimum Volume: 0.3 mL
Container: Gel-barrier tube (SST, Tiger Top)

Collection:

Serum:

1. Collect and label sample according to standard protocols.
2. Gently invert tube 5 times immediately after draw. DO NOT SHAKE.
3. Let tube stand in a vertical position to allow blood to clot 30 minutes.
4. Centrifuge for 10 minutes.

Note: Separate serum from cells within 2 hours of collection.

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

Stability:

Ambient (15-25°C): 4 hours
Refrigerated (2-8°C): 7 days
Frozen (-20°C): 14 days (avoid repeated freeze/thaw cycles)
Deep Frozen (-70°C): 14 days (avoid repeated freeze/thaw cycles)

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

Methodology: Enzymatic Assay

Turn Around Time: 3-4 days

Reference Range:
<table>
<thead>
<tr>
<th>Age</th>
<th>U/L</th>
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</thead>
<tbody>
<tr>
<td>All Ages</td>
<td>0-15</td>
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</table>

**Clinical Significance:** 5’ Nucleotidase levels are elevated in obstructive or cholestatic liver disease, hepatitis, intrinsic liver damage, primary liver malignancy and metastasis, biliary cirrhosis, and use of hepatotoxic drugs.

*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.*