Cyclic Citrullinated Peptide (CCP) Antibody (IgG)

CPT Code: 86200
Order Code: C1399
ABN Requirement: No
Synonyms: Citrullinated Peptide (CCP) IgG; CCP; Anti-Cyclic Citrullinated Peptide (CCP) Antibody IgG
Specimen: Serum
Volume: 1.0 mL
Minimum Volume: 0.5 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.

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 days
Refrigerated (2-8°C): 7 days
Frozen (-20°C): 30 days
Deep Frozen (-70°C): 30 days

Causes for Rejection: Specimens other than serum; improper labeling; samples not stored properly; samples older than stability limits; grossly hemolyzed or grossly lipemic specimens; microbially contaminated serum; serum containing visible particle matter; heat treated specimens

Methodology: Immunoassay (IA)
Turn Around Time: 3-4 days

Reference Range:

<table>
<thead>
<tr>
<th>Age</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Ages</td>
<td>&lt;20, Negative</td>
</tr>
<tr>
<td>All Ages</td>
<td>20-39, Weak Positive</td>
</tr>
<tr>
<td>All Ages</td>
<td>40-59, Moderate Positive</td>
</tr>
<tr>
<td>All Ages</td>
<td>&gt;59, Strong Positive</td>
</tr>
</tbody>
</table>

Clinical Significance: A synthetic circular peptide containing citrulline called cyclic citrullinated peptide (CCP) IgG has been found to be better at discriminating rheumatoid arthritis patients from other patients than either the perinuclear autoantibody test or the test for rheumatoid factor. Approximately 70% of patients with rheumatoid arthritis are positive for Anti-CCP IgG, while only about 2% of random blood donors and disease controls subjects are positive.

Limitations: The presence of immune complexes may cause false-positive results due to increased non-specific binding.

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.