Overview

Method Name
Enzyme Immunoassay (EIA)

NY State Available
No

Specimen

Specimen Type
Plasma EDTA

Specimen Required

Patient preparation: Patient should be on a normal sodium diet, 110 mEq of sodium. Patient should be in a recumbent posture for at least 30 minutes prior to drawing specimen. Diuretics, mineralocorticoids, glucocorticoids, estrogens, oral contraceptives, ACT medications and sodium, potassium, and posture all affect Angiotensin levels.

Specimen Type: Plasma

Container/Tube: EDTA

Specimen Volume: 3 mL

Collection Instructions: Draw blood in a lavender-top (EDTA) tube(s). Separate plasma from cells immediately after draw, and send 3 mL of EDTA plasma frozen in plastic vial.

Specimen Minimum Volume
1 mL

Reject Due To

<table>
<thead>
<tr>
<th>Hemolysis</th>
<th>Mild reject; Gross reject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lipemia</td>
<td>Mild reject; Gross reject</td>
</tr>
<tr>
<td>Icterus</td>
<td>NA</td>
</tr>
<tr>
<td>Other</td>
<td>Specimens other than Plasma ETDA. Test is strict frozen</td>
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</table>

Specimen Stability Information

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<tr>
<th>Specimen Type</th>
<th>Temperature</th>
<th>Time</th>
<th>Special Container</th>
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<tbody>
<tr>
<td>Plasma EDTA</td>
<td>Frozen</td>
<td>30 days</td>
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Clinical and Interpretive
Clinical Information

Angiotensin II is an eight amino acid peptide formed by Angiotensin Converting Enzyme (ACE) cleavage of Angiotensin I. Angiotensin II is metabolized further to Angiotensin III. Angiotensin II release is controlled by Renin, blood pressure, blood volume, sodium balance and by Aldosterone concentration. Levels of Angiotensin II are increased in many types of hypertension. Angiotensin II stimulates the release of Anti-Diuretic Hormone, ACTH, Prolactin, Luteinizing Hormone, Oxytocin and Aldosterone. Angiotensin II increases vasoconstriction and inhibits tubular resorption of sodium, and can increase endothelial cell growth.

Reference Values

10 - 60 pg/mL

Performance

PDF Report

No

Day(s) and Time(s) Test Performed

Monday through Friday

Analytic Time

10 days

Maximum Laboratory Time

12 - 14 days

Performing Laboratory Location

Inter Science Institute

Fees and Codes

Fees

- Authorized users can sign in to Test Prices for detailed fee information.
- Clients without access to Test Prices can contact Customer Service 24 hours a day, seven days a week.
- Prospective clients should contact their Regional Manager. For assistance, contact Customer Service.

Test Classification

This test was performed using a kit that has not been cleared or approved by the FDA and is designated as research use only. The analytic performance characteristics of this test have been determined by Inter Science Institute. This test is not intended for diagnosis or patient management decisions without confirmation by other medically established means.

CPT Code Information

82163

LOINC® Information

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<tr>
<th>Test ID</th>
<th>Test Order Name</th>
<th>Order LOINC Value</th>
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<td>Angiotensin II, P</td>
<td>1860-6</td>
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<tr>
<td>Result ID</td>
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<td>Result LOINC Value</td>
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