ALDOSTERONE TO RENIN CONCENTRATION RATIO, PLASMA

Orderable - ARCR
Turnaround Time: 5 days

Specimen:

<table>
<thead>
<tr>
<th>Adult</th>
<th>Pediatric</th>
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<tbody>
<tr>
<td>4 mL Lavender top Vacutainer tube</td>
<td>2-10 years: 3 mL Lavender top (EDTA) Vacutainer tube</td>
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<tr>
<td>Red, Gold, Light Green (Li-Heparin) top tubes are not acceptable</td>
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Collection Information:

Minimum volume of plasma required is 1 mL.

Patient should be on a normal salt diet for at least 3 days prior to test.

Blood should be collected midmorning (ideally), after the patient has been up (sitting, standing, or walking) for at least 2 hours and then seated for 5-15 minutes.

Reference Ranges:

This ratio is used as a screening test for primary hyperaldosteronism. Ratios ≥ 144 are considered screen positive and warrant further investigation.

Interpretive Comments:

This ratio is calculated with aldosterone in units of pmol/L and renin in units of ng/L.

Storage and Shipment:

Store and ship plasma frozen.