

Aldosterone , Serum

Test ID: 17181

CPT: 82088

Clinical Significance:

Investigation of primary aldosteronism (eg, adrenal adenoma/carcinoma and adrenal cortical hyperplasia) and secondary aldosteronism (renovascular disease, salt depletion, potassium loading, cardiac failure with ascites, pregnancy, Bartter syndrome)

Profile Components:



Labtech Diagnostics

Container:

SST or Red-Top No Gel Serum

Transport Temperature:

Frozen

Specimen:

Frozen Serum

Specimen Stability:

Room Temperature: 8 Hours
Refrigerated: 5 Days
Frozen: 1 Month

Reject Criteria:

- EDTA (lavender top) plasma
- Gross hemolysis
- Icteric
- Lipemic

Days Performed:

Mon-Fri

Collection Instructions:

1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Clearly label tube as serum. Freeze. When multiple tests are ordered, submit separate tube for this test.

Alternative Specimen: 1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Clearly label tube as serum from a plain red top tube. Freeze.

Note: Upon advice of the physician, for aldosterone-renin paired testing with ratio, patient should be on a normal sodium diet and should be potassium replete. Avoid medications known to affect renin-aldosterone-angiotensin system, particularly mineralocorticoid antagonists. Arr (ratio) results may be affected by certain adrenergic antihypertensives, nsais, diuretics, ace/arbs, renin inhibitors, excessive or restricted sodium or potassium, or renal disease.

Note: Collect sample midmorning after patient has been sitting, standing or walking for at least 2 hours and seated for 5-15 minutes.