

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 3/2/1978
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Aldosterone/Renin Activity Ratio

ARUP test code 0070073

Renin Activity

0.6 ng/mL/hr

INTERPRETIVE INFORMATION: Renin Activity

Adult, Normal sodium diet:

Supine 0.2-1.6 ng/mL/hr
Upright 0.5-4.0 ng/mL/hr

Children, Normal sodium diet, Supine:

Newborn (1-7 days) 2.0-35.0 ng/mL/hr
Cord blood 4.0-32.0 ng/mL/hr
1-12 mos 2.4-37.0 ng/mL/hr
13 mos-3 yrs 1.7-11.2 ng/mL/hr
4-5 yrs 1.0- 6.5 ng/mL/hr
6-10 yrs 0.5- 5.9 ng/mL/hr
11-15 yrs 0.5- 3.3 ng/mL/hr

Children, normal sodium diet, Upright:

0-3 yrs Not Available
4-5 yrs Less than or equal to 15 ng/mL/hr
6-10 yrs Less than or equal to 17 ng/mL/hr
11-15 yrs Less than or equal to 16 ng/mL/hr

Plasma renin activity measures enzyme ability to convert angiotensinogen to angiotensin I and is limited by the availability of angiotensinogen. Plasma renin activity is not an accurate indicator of enzyme activity when angiotensinogen is decreased.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

Aldosterone

15.3 ng/dL

H=High, L=Low, *=Abnormal, C=Critical

INTERPRETIVE INFORMATION: Aldosterone, Serum

Reference intervals for age 15 and older:

Upright 4.0 - 31.0 ng/dL
Supine Less than or equal to 16.0 ng/dL
Unspecified Less than or equal to 31.0 ng/dL

Normal serum levels of aldosterone are dependent on the sodium intake and whether the patient is upright or supine. High sodium intake will tend to suppress serum aldosterone, whereas low sodium intake will elevate serum aldosterone. The reference intervals for serum aldosterone are based on normal sodium intake.

Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).

Aldosterone/Renin Activity Calculation

25.5 ratio H (Ref Interval: <=25.0)

INTERPRETIVE INFORMATION: A/RA Ratio Calculation

Aldosterone/Renin Activity Ratio: Less than or equal to 25

An Aldosterone/Renin Activity Ratio of greater than 25 is suggestive of hyperaldosteronism if the aldosterone concentration is greater than 15 ng/dL.

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Renin Activity	23-261-138959	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Aldosterone	23-261-138959	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Aldosterone/Renin Activity Calculation	23-261-138959	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at: