

ALDOSTERONE
TO RENIN
CONCENTRATION
RATIO,
PLASMA

Orderable - ARCR

Turnaround Time: 5 days

Specimen:

Adult	Pediatric
4 mL Lavender top Vacutainer tube	2-10 years: 3 mL Lavender top (EDTA) Vacutainer tube
Red, Gold, Light Green (Li-Heparin) top tubes are not acceptable	



Laboratory:
Endocrinology Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Diasorin
Chemiluminescence



Test Schedule:
Monday - Friday
0800-1600

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.