

# Renal Vein Sampling

**Pre-procedure:** N/A to the Lab

The plasma renin activity cannot be interpreted if the patient is being treated with spironolactone (Aldactone). Spironolactone should be discontinued for 4 to 6 weeks before testing.

**Intra-procedure:**

**Lab Specimen orders needed** (The following labs are required but there may be more labs specifically ordered by the ordering physician)

- **Order Ref Miscellaneous with collection site in Epic: 4 orders total**
  1. Renin activity Right renal vein
  2. Renin activity Left renal vein
  3. Renin activity Suprarenal IVC
  4. Renin activity Infrarenal IVC
- **Draw Renin activity, plasma: 4 X 3 mL lavender EDTA tubes total**
  1. The blood will be drawn in a chilled syringe and then placed in chilled EDTA tubes. Mix tubes.
  2. All renin samples need to be placed into an ice bath immediately after transfer to lavender top tube.
  3. Minimum of blood in each tube: 3 mL
  4. Label as Right renal vein
  5. Label as Left renal vein
  6. Label as Suprarenal IVC
  7. Label as Infrarenal IVC
- **Collect in Epic**

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