

Adrenal Vein Sampling

Pre-procedure: N/A to the Lab

Intra-procedure:

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.

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

- **Order Ref Miscellaneous in Epic: 6 orders total**
- **In the “Requested Test Name” field, type in the test with draw site as listed below for each. i.e. Cortisol right adrenal vein**
- **It is not necessary to enter any information in the “Comments” field.**
 1. Cortisol Right adrenal vein
 2. Cortisol Left adrenal vein
 3. Cortisol inferior vena cava
 4. Aldosterone Right adrenal vein
 5. Aldosterone Left adrenal vein
 6. Aldosterone inferior vena cava

It is important to identify each specimen’s source by writing the source on each of the specimen tube’s labels, respectively i.e., Cortisol right adrenal vein @ 12:30

- **Draw Cortisol Serum: 3 X 4 mL Red Top tubes total**
 1. Minimum of blood in each tube: 2.0 mL
 2. Label as Cortisol Right adrenal vein **with exact draw time**
 3. Label as Cortisol inferior vena cava **with exact draw time**
 4. Label as Cortisol Left adrenal vein **with exact draw time**
 5. If more than one specimen is drawn from a given site, label the additional specimens with coordinating draw number (#2, #3, etc) **with exact draw time**
- **Draw Aldosterone Serum: 3 X 4 mL Red Top tubes total**
 1. Minimum of blood in each tube: 3.0 mL
 2. Label as Aldosterone Right adrenal vein **with exact draw time**
 3. Label as Aldosterone inferior vena cava **with exact draw time**
 4. Label as Aldosterone Left adrenal vein **with exact draw time**

Reviewed by: Alex Castillo 7/26/2023

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5. If more than one specimen is drawn from a given site, label the additional specimens with coordinating draw number (#2, #3, etc)
- **Collect in Epic**
 1. Use exact draw time for collection time for each site

For assistance please call Referrals @ 616.267.2753 between 0730 and 1700