

Adrenal Vein Sampling

Utilization of dedicated tests for cortisol and aldosterone specifically from adrenal vein sampling (AVS) has several benefits including:

- Testing is performed with up-front dilution, which helps avoid depletion of sample and delays in result delivery due to repeat testing
- Tests are built with site-specific nomenclature including pre- and post-stimulation so that multiple tests can be reported on a single, consolidated result for ease of review

Collection Tips

Labeling

Pre-label the required number of SST tubes and plastic transfer tubes according to your specific protocol including the information below:

- Patient name and a second patient identifier
- Site of collection using the suggested label abbreviations provided
- Collection date and time

Specimen type

Serum is the preferred sample type.

Container

Serum transfer tubes. Serum must be separated from cells within 45 minutes.

Storage

Samples should be sent frozen (preferred). Refrigerated or room temperature transport is acceptable. Samples are stable at room temperature for 4 days.

Collection

Collect 1 mL (minimum 0.5 mL) from each sampling site into the corresponding, pre-labeled SST tube. Separate serum from cells within 45 minutes and transfer to the matching, pre-labeled transfer tube for each collection site.

Other Helpful Tips

- If collecting multiple, timed AVS samples, send each time point as a separate order and in separate specimen bags. Add the time point to each label and in the clinical information on the requisition, then bag the samples from each time point separately with the corresponding order.

Test Name (Location/Site)	Test No.	Preferred Container Labeling
Non-stimulated Testing		
Left Adrenal Vein Cortisol Unstimulated	504912	LAV-Pre
Left Adrenal Vein Aldosterone Unstimulated	504904	LAV-Pre
Infrarenal IVC Cortisol Unstimulated	504913	IVC-Infra Pre
Infrarenal IVC Aldosterone Unstimulated	504905	IVC-Infra Pre
Suprarenal IVC Cortisol Unstimulated	504914	IVC-Supra Pre
Suprarenal IVC Aldosterone Unstimulated	504906	IVC-Supra Pre
Right Adrenal Vein Cortisol Unstimulated	504915	RAV-Pre
Right Adrenal Vein Aldosterone Unstimulated	504907	RAV-Pre
Post-stimulation Testing		
Left Adrenal Vein Cortisol Post-Stimulation	504916	LAV-Post
Left Adrenal Vein Aldosterone Post-Stimulation	504908	LAV-Post
Infrarenal IVC Cortisol Post-Stimulation	504917	IVC-Infra Post
Infrarenal IVC Aldosterone Post-Stimulation	504909	IVC-Infra Post
Suprarenal IVC Cortisol Post-Stimulation	504918	IVC-Supra Post
Suprarenal IVC Aldosterone Post-Stimulation	504910	IVC-Supra Post
Right Adrenal Vein Cortisol Post-Stimulation	504919	RAV-Post
Right Adrenal Vein Aldosterone Post-Stimulation	504911	RAV-Post

Endocrine Expertise

If you have questions or concerns, please contact us.

Labcorp's Endocrine Hotline | 877-436-3056