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DISCONTINUATION OF PLASMA RENIN ACTIVITY AND ALDOSTERONE TESTS

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Effective August 31st, 2017, Plasma Renin Activity (PRA) and Aldosterone assays will be performed as send-out tests to Mayo Medical Laboratories as we discontinue these in-house radioimmunoassays. For safety and security reasons, radiation-based testing continues to be phased out worldwide. Mayo Medical Laboratories utilizes liquid chromatography-tandem mass spectrometry (LC-MS/MS) methodology for PRA and Aldosterone testing, which offers additional advantages detailed below.

WHAT TO EXPECT

- Age-dependent reference ranges will be available for both the Mayo PRA and Aldosterone assays. In addition, the PRA assay will have Na-depleted and Na-replete reference ranges available for peripheral vein samples while the Aldosterone assay will provide supine vs. upright ranges.
- A comparison study of our in-house method to Mayo's LC-MS/MS method showed good correlation. The aldosterone to renin ratio needs to be interpreted in the context of aldosterone concentration and clinical presentation.
- There will be fewer potential interferences compared to our in-house method owing to the use of LC-MS/MS methodology.
- There will be no change in reporting units.
- The expected turn-around time will be 2 days.

CONTACTS

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