



LAB ALERT

THE MEDICAL FOUNDATION

Method Change for Aldosterone and Renin

Beginning January 23, 2017, The Medical Foundation (TMF) will phase out radioimmunoassay (RIA) test method for Aldosterone and Renin. This change is due to the retirement of our manufacturer's line of testing materials required for these procedures.

TMF will continue to test specimens using a Quantitative Chemiluminescent Immunoassay (CIA) method, providing you with the rapid and accurate results you've come to expect from TMF. See list of changes below:

Affected Tests

Aldosterone, Plasma (TMF Test # 30066)

Sample Type		Method		Cutoff for Normal Adult: Early morning	
Current	New	Current	New	Current	New
Serum or plasma	EDTA plasma	RIA	CIA	Supine: 6.8–17.3 ng/dL Upright: 4.8–27.0 ng/dL	<u>Female</u> Supine: ≤33.6 ng/dL Upright: ≤ 50.1 ng/dL Unspecified: ≤ 50.1 ng/dL <u>Male</u> Supine: ≤19.5 ng/dL Upright: ≤ 23.2 ng/dL Unspecified: ≤ 23.2 ng/dL

Aldosterone, Urine (TMF Test # 30067)

Ordering Number		Method		Cutoff	
Current (tested at TMF)	New (tested at ARUP)	Current	New	Current	New
30067	47293	RIA	CIA	3.80-34.00 µg/day	1.2-28.1 µg/day

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Joyce L. Simpson, M.D. • *Medical Director*

Alternative New Tests

Test Name	TMF No.	Method	Cutoff
Renin, Direct, Plasma	44783	CIA	<u>Female</u> Supine: 2.9-29.9 pg/mL Upright: 3.6-47.4 pg/mL Unspecified: 2.9-47.4 pg/mL <u>Male</u> Supine: 2.6-32.0 pg/mL Upright: 3.5-52.1 pg/mL Unspecified: 2.6-52.1 pg/mL
Aldosterone/Direct Renin Ratio	47463	CIA	0.1-3.7

Tests to Be Redirected to ARUP

Test Name	TMF No.	Current TMF Method	ARUP Method
Renin Activity, Plasma	30073	RIA	Quantitative Enzyme-Linked Immunosorbent Assay
Aldosterone/Renin Activity Ratio	30074	RIA	Quantitative Chemiluminescent Immunoassay/Quantitative Enzyme-Linked Immunosorbent Assay

As your laboratory experts, we are committed to providing superior service to our customers. Please direct any questions, or comments regarding this notice to Paul Moorman (pmoorman@sbfm.org) at extension 1415, Qing Li, Ph.D. (QLiPh.D@sbfm.org) at extension 1584 or call The Medical Foundation, (574) 234-4176 or (800) 544-0925.

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