

Client
Gurugram
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name : Mr. BC61	Billing Date : 07/07/2023 12:16:10
Age : 35 Yrs	Sample Collected on : 10/07/2023 10:01:31
Sex : Male	Sample Received on : 10/07/2023 11:02:13
P. ID No. : P1000100012537	Report Released on : 20/07/2023 17:36:23
Accession No : 10002304593	Barcode No. : 10002304593-01
Referring Doctor : Self	
Referred By :	Ref no. :

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
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BIOCHEMISTRY

# Aldosterone <i>Sample: Serum</i> <i>Method: CLIA</i>	55.00	Upright: 7.0 - 30.0 Supine: 3.0 - 16.0	ng/dl
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Aldosterone**Comment**

Aldosterone is the major mineralocorticoid produced by Adrenal cortex. The test is used for Investigation of Primary Aldosteronism (eg, Adrenal Adenoma/Carcinoma and Adrenal Cortical Hyperplasia) and Secondary Aldosteronism (Renovascular disease, salt depletion, potassium loading, Cardiac failure with ascites, Pregnancy, Bartter syndrome). Primary Aldosteronism (PA) is a common curable form of arterial hypertension characterized by low levels of plasma renin and high plasma levels of aldosterone.

Categories of hypertensive patients who should be screened because of increased prior probability of Primary Aldosteronism

1. Drug-resistant hypertension
2. Systo-diastolic hypertension (BP >150/100 mm Hg confirmed in repeated measures)
3. Spontaneous or diuretic-induced hypokalemia
4. Incidentally discovered adrenal mass (incidentaloma)
5. Obstructive sleep apnea
6. Family history of PA and/or early onset hypertension or cerebrovascular accident at a young age
7. Unexplained atrial fibrillation
8. Evidence of hypertension-mediated organ damage (LVH, diastolic dysfunction, microalbuminuria, Chronic Kidney Disease) in excess of what expected based on blood pressure values

Decreased levels with Hypertension	Decreased levels without Hypertension
• 11 beta hydroxylase deficiency	• Addison's disease
• 17 alpha hydroxylase deficiency	• Hyporeninemic hypoaldosteronism
• Turner syndrome	• Isolated Aldosterone deficiency
• Diabetes Mellitus	

** End of Report **



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Senior Consultant

10002304593 Mr. BC61

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