

ALDOSTERONE/ PLASMA RENIN RATIO

Profile Details | 1 Parameters

Fasting: Overnight fasting for 9-12 hours | Report Time: Within 6 Days



Specimen Required: Blood

Price- ₹12000 **₹7490**

Parameters Included

About This Test

The **aldosterone/plasma renin ratio (ARR)** test measures the ratio of aldosterone to plasma renin in the blood. This test is commonly used to evaluate the function of the renin-angiotensin-aldosterone system (RAAS) and to diagnose conditions related to abnormal aldosterone levels. Here's what the test assesses: 1. **Primary Aldosteronism**: Helps diagnose primary aldosteronism (Conn's syndrome), a condition where the adrenal glands produce excessive aldosterone, leading to high blood pressure and low potassium levels. An elevated ARR suggests primary aldosteronism. 2. **Evaluation of Hypertension**: Assists in assessing the cause of hypertension, especially in cases where secondary causes are suspected. A high ARR can indicate that the high blood pressure is due to excess aldosterone. 3. **Assessment of Adrenal Function**: Evaluates adrenal gland function and the regulation of aldosterone secretion. 4. **Differentiation of Causes**: Helps differentiate between primary aldosteronism and secondary causes of elevated aldosterone levels, such as adrenal tumors or hyperplasia. 5. **Guidance for Treatment**: Provides information to guide treatment decisions for conditions associated with abnormal aldosterone levels. In summary, the aldosterone/plasma renin ratio measures the balance between aldosterone and plasma renin to diagnose primary aldosteronism, evaluate hypertension, and assess adrenal function.



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*Fasting 10-12 hrs essential | *Limited Period Offer | *Reports within Within 6 Days

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