



## TEST REPORT

Lab. Id	: P1238545	Hosp. UHID	:	Reg. Date	: 17-Sep-2025 / 11:30 AM
Name	: MR. PRABHAKARAN NAIR .			Collection	: 17-Sep-2025 / 11:31 AM
Age/Gender	: 72Y / Male			Received	: 17-Sep-2025 / 12:13 PM
Collected At	: Emami Frank Ross Limited			Report	: 17-Sep-2025 / 13:35 PM
Referral Dr	: -	Report Status	: Final	Print	:
Bed	:				

## Biochemistry

Investigation	Observed Value	Unit	Biological Ref. Interval	Specimen
<b>ELECTROLYTES</b>				
<b>SODIUM</b> Method: Indirect ISE	121	mmol/L	136-145	Serum
<b>POTASSIUM</b> Method: Indirect ISE	4.4	mmol/L	3.5-5.1	Serum
<b>CHLORIDE</b> Method: Indirect ISE	84	mmol/L	98-107	Serum

### Remarks:

The value should be read in conjunction with the clinical history, diet, supplements, medications, and other relevant parameters.

### Comments:

Electrolytes are minerals that are found in body tissues and blood in the form of dissolved salts. Electrolyte levels are affected by diet, kidney status, body hydration, physical exercise, some hormones such as aldosterone (which conserves sodium and promotes the elimination of potassium) and natriuretic peptides (which increase elimination of sodium by the kidneys), diseased states such as diabetes, chronic kidney and lung disorders etc.


**Sodium**—most of the body's sodium is found in the fluid outside of the body's cells, where it helps to regulate the amount of water in the body.

**Potassium**—this electrolyte is found mainly inside the body's cells. A small but vital amount of potassium is found in the plasma, the liquid portion of the blood. Potassium plays an important role in regulating muscle contraction. Monitoring potassium is important as small changes in the potassium level can affect the heart's rhythm and ability to contract.

**Chloride**—this electrolyte moves in and out of the cells to help maintain electrical neutrality (concentrations of positively charged cations and negatively charged anions must be equal) and its level usually mirrors that of sodium. Due to its close association with sodium, chloride also helps to regulate the distribution of water in the body.

Verified By: 222626

Verified Date : 17-Sep-2025 / 13:35

  
Dr. Ashwin Kumar A S  
MBBS, MD  
Consultant Biochemist

--- End Of Report ---

### Important Instructions:

- Test results released pertain to specimen submitted.
- All results are dependent upon the quality of specimen received in the laboratory.
- Lab investigation is only a tool to facilitate in concluding a diagnosis, and should be clinically correlated by the referring physician.
- Certain tests may require further testing, at an additional cost for derivation of exact value. kindly submit request with in 2 days, post reporting.
- Sample repeats are accepted on request of Referring Physician with in sample stability period.
- Test results may show inter-laboratory variation.
- Results are for informational purposes, and not intended to replace the care of medical practitioner, and does not recommend self-diagnosis and/or self-medication.
- Aster clinical Lab LLP does not make any warranties expressed or implied with respect to information herein.
- Test results are not valid for medico legal purposes.
- The courts/forum at Cochin/Bangalore shall have exclusive Jurisdiction in all disputes/claims concerning the request and/or result of test(s).
- Contact customer care 9680396803 for all queries related to test results

Patient/Client is advised to contact the laboratory immediately, for any possible remedial action, If test result is alarming or unexpected