



BML533890

Laboratory Investigation Report

Name	: Ms. AZRA	Ref No.	: 43640
DOB	: 17/08/1948	Sample No.	: 2503546978
Age / Gender	: 76 Y / Female	Collected	: 28/02/2025 20:54
Referred by	: DR HUMAIRA	Registered	: 05/03/2025 13:36
Centre	: CITICARE MEDICAL CENTER	Reported	: 05/03/2025 13:41

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
ELECTROLYTES (Na,K,Cl)					
SODIUM (NA)	136		mmol/L	136 - 145 Please note change. Source: Roche IFU.	ISE (Indirect)
POTASSIUM (K)	5.2	H	mmol/L	3.5 - 5.1 Please note change. Source: Roche IFU.	ISE (Indirect)
CHLORIDE (CL)	100		mmol/L	98 - 107 Please note change. Source: Roche IFU.	ISE (Indirect)

INTERPRETATION NOTES :

Sodium (NA)

Hypernatremia will be seen in dehydration, Cushing syndrome, central or nephrogenic diabetes insipidus with insufficient fluids, primary aldosteronism, lactic acidosis, azotemia, weight loss, nonketotic hyperosmolar coma. Hyponatremia occurs with nephrotic syndrome, cachexia, hypoproteinemia, intravenous glucose infusion, in congestive heart failure, and other clinical entities. Serum sodium is a predictor of cardiovascular mortality in patients in severe congestive heart failure. Addison disease, hypopituitarism, cirrhosis, hypertriglyceridemia, and psychogenic polydipsia.

Chloride (CL)

Increased level is seen in dehydration, with ammonium chloride administration, with renal tubular acidosis (hyperchloremic metabolic acidosis), and with an excessive infusion of normal saline, hyperparathyroidism. Decreased level with overhydration, congestive failure, syndrome of inappropriate secretion of ADH, vomiting, gastric suction, chronic respiratory acidosis, Addison disease, salt-losing nephritis, burns, metabolic alkalosis, and in some instances of diuretic therapy.

Sample Type : Serum

End of Report

Dr. Adley Mark Fernandes
M.D (Pathology)
Pathologist

Gyoma V. Shah
Dr. Vyoma V Shah
M.D (Pathology)
Clinical Pathologist

Nazar Mohamed Ali
NAZAR MOHAMED ALI
Laboratory Technologist

This is an electronically authenticated report

Page 1 of 1

Printed on: 05/03/2025 13:46

Test result pertains only to the sample tested and to be interpreted in the light of clinical history. These tests are accredited under ISO 15189:2012 unless specified by (^). Test marked with # is performed in an accredited referral laboratory.

