

Guidelines for Specimen Collection and Labeling

Instrument: Alpha Wassermann ACE Alera

**TEST (TEST CODE): Electrolyte Panel (LYTES)
(Cl, CO₂, K, Na)**

COLLECTION INSTRUCTIONS: Fasting is recommended but not required.

SPECIMEN TYPE: Whole Blood

COLLECTION CONTAINER: Gold top tube (SST), Red top tube (clot activator), Green top tube with gel barrier (lithium heparin), Green top tube (lithium heparin) or Red top microtainer/bullet (no additive)



COLLECTION AMOUNTS: Preferred: 2.0 mL
Minimum: 1.0 mL

REJECTION CRITERIA: EDTA, citrate, fluoride/oxalate plasma are unacceptable.

COLLECTION TIMING: Separate serum from cells within 2 hours of collection.

PROCESSING SPECIMENS: Serum/Plasma

PROCESSED AMOUNTS: Preferred: 1.0 mL
Minimum: 0.5 mL

PROCESSING INSTRUCTIONS: Allow gold or red to clot for 20-30 minutes.
Centrifuge specimen immediately.

SPECIMEN STORAGE/STABILITY:	Temperature	Stability
	Ambient	8 hour(s)
	Refrigerated	2 day(s)
	Frozen	6 month(s)

SHIPPING INSTRUCTIONS:

Refrigerate specimen during transportation.

REFERENCE INTERVAL:

CL:

Female: 98-111 mmol/L

Male: 98-111 mmol/L

CO₂:

Female (0-19 years): 18-28 mmol/L

(>19 years): 20-30 mmol/L

Male (0-19 years): 18-28 mmol/L

(>19 years): 20-30 mmol/L

K:

Female (0-7 days): 3.2-5.7 mmol/L

(7-30 days): 3.4-6.5 mmol/L

(30 days-3 months): 3.5-5.8 mmol/L

(3 months-1 years): 3.5-5.8 mmol/L

(1-19 years): 3.6-5.0 mmol/L

(>19 years): 3.5-5.1 mmol/L

Male (0-7 days): 3.2-5.7 mmol/L

(7-30 days): 3.4-6.5 mmol/L

(30 days-3 months): 3.5-5.8 mmol/L

(3 months-1 years): 3.5-5.8 mmol/L

(1-19 years): 3.6-5.0 mmol/L

(>19 years): 3.5-5.1 mmol/L

NA:

Female (0-19 years): 131-142 mmol/L

(>19 years): 134-144 mmol/L

Male (0-19 years): 131-142 mmol/L

(>19 years): 134-144 mmol/L