

LAB16 Electrolyte Panel

BMC, CRH, LFH, HRK, OCH, FTT, FOX, FCC

Performing Location(s)

BMC, CRH, LFH, HRK, OCH, FTT, FOX, FCC

Specimen Type

Serum or Plasma

Preferred Container

Gold or Red top tube

Alternate Container

Light Green top tube

Minimum Volume

0.5 mL Serum or Plasma

Multiple test can be performed from this volume.

For question please contact the lab at 547-3975.

Transportation Needs

Deliver specimen to laboratory within 1 hour of collection if unspun.

If not possible see "Storage Requirements".

Storage Requirements

Sample tubes should be centrifuged within 2 hour of collection followed by transfer of the serum (red or gold top) or plasma (green top) to a labeled plastic, aliquot tube.

See Causes of Rejection for temperature requirements for individual components.

Causes for Rejection

Mislabeled or unlabeled specimen

Less than 50% draw for vacutainer tubes

Serum/Plasma not separated from cells within 2 hours of collection

Serum/Plasma - Stability depends on the component

Blood collected in a sodium heparin tube (dark green)

No add-ons for CO2

Reference Values

Sodium: Serum/Plasma				
Population	Units	Reference Range	High Critical Value	Low Critical Value
All Populations	mmol/L	136-145	>155	<120

Potassium: Serum/Plasma				
Population	Units	Reference Range	High Critical Value	Low Critical Value

All Populations	mmol/L	3.5	>6.0	<2.8
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Chloride: Serum/Plasma		
Population	Units	Reference Range
All Populations	mmol/L	98-110

CO2				
Population	Units	Reference Range	High Critical Value	Low Critical Value
All Populations	mmol/L	21-31	>45	<10

Anion Gap (Calculated Parameter)		
Population	Units	Reference Range
All Populations	mmol/L	6-14

Available STAT

Yes

Methodology

Beckman AU/Dx Series

CPT Code

80051