

Patient ID SA00057797	Patient Name TESTINGRNV, ATLASREPORT	Birth Date 1964-02-20	Gender M	Age 49
Order Number SA00057797	Client Order Number SA00057797	Ordering Physician Client, Client	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 28 May 2013 06:00		

Electrolyte and Osmolality Panel, F

Sodium, F

38 mmol/L

MCR

Reference Value
Not Applicable

Potassium, F

50 mmol/L

MCR

Reference Value
Not Applicable

Chloride, F

36 mmol/L

MCR

Reference Value
See Comment

ADDITIONAL INFORMATION

Fecal chloride concentration is markedly elevated >60 mmol/L in infants and >100 mmol/L in adults associated with congenital and secondary chloridorrhea. Fecal chloride may be elevated (>35 mmol/L) in phenolphthalein (or phenolphthalein plus magnesium hydroxide) induced diarrhea. Fecal chloride may be low (<20 mmol/L) in sodium sulfate induced diarrhea.

Osmolality, F

275 mOsm/kg

MCR

Reference Value
See Comment

ADDITIONAL INFORMATION

Stool osmolality should be similar to serum osmolality. Marked increases (>330 mOsm/kg) in the absence of increased serum osmolality indicate improper storage. Marked decreases (<220 mOsm/kg) may indicate dilution with hypotonic fluid. The test result should be integrated into the clinical context for interpretation.

Magnesium, F

30 mg/dL

MCR

Reference Value
See Comment

ADDITIONAL INFORMATION

Magnesium-induced diarrhea is likely if >110 mg/dL, however the test result should be integrated into the clinical context for interpretation.

Osmotic Gap, F

114 mOsm/kg

MCR

Reference Value
See Comment

Osmotic gap is >50 mOsm/kg. Consider an osmotic cause of diarrhea. Consider magnesium-induced diarrhea if osmotic gap >75 mOsm/kg. The test result should be integrated into the clinical context for interpretation.

ADDITIONAL INFORMATION

Osmotic gap calculated as 290 mOsm/kg - 2(stool Na + stool K).

Phosphorus, F

25 mg/dL

MCR

Reference Value
See Comment

ADDITIONAL INFORMATION

Phosphate-induced diarrhea is likely if >102 mg/dL, however the test result should be integrated into the clinical context for interpretation.

Received: 28 May 2013 14:38

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Performing Site Legend

Code	Laboratory	Address
MCR	Mayo Clinic Dept. of Lab Med and Pathology	200 First Street SW, Rochester, MN 55905