MAYO CLINIC LABORATORIES

Test Definition: FCLPF

Cathartic Laxatives Profile, Stool

Overview

Method Name
Inductively Coupled Plasma Optical Emission Spectrometry (ICP/OES)

NY State Available
No

Specimen

Specimen Type
Fecal

Specimen Required
*****Must submit one specimen per order. Specimens cannot be shared between multiple orders.*****
Specimen Type: Stool
Container/Tube: Acid-washed or trace metal-free plastic container, MCL supply T656
Specimen Volume: 10 g
Collection Instructions: Collect 10 g of stool with no preservative. Send specimen in an acid-washed or trace metal-free plastic container, MCL supply T656. Send specimen refrigerated.

Specimen Minimum Volume
10 mL stool liquid or 10 g stool solid

Reject Due To

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Fecal	Refrigerated (preferred)	30 days	
	Ambient	30 days	
	Frozen	30 days	

Clinical & Interpretive

Reference Values
Reporting limit determined each analysis.
Units: mg/g

Interpretation

Magnesium:
Magnesium concentrations in stool water above the normal levels of 0.7-1.2 mg/mL have been indicative of surreptitious abuse of magnesium containing laxatives.

NMS Labs Calculated Normal: approximately 0.5-10 mg/g (Based on the reported range of magnesium eliminated per day in stool and the range of stool mass per day in adults).

Phosphorus:
Phosphorus concentration in stool water averaged 1.8 +/- 0.3 mg/mL (ranged from 0.3-4.2 mg/mL) following administration of 105 mmol of sodium phosphate.

NMS Labs calculated normal: approximately 1.4-22 mg/g (Based on the reported range of phosphorus eliminated per day in stool and the range of stool mass per day in adults).

Cautions

Specimens for elemental testing should be collected in certified metal-free containers. Elevated results for elemental testing may be caused by environmental contamination at the time of specimen collection and should be interpreted accordingly. It is recommended that unexpected elevated results be verified by testing another specimen in a trace metal-free container.

Performance

PDF Report

No

Day(s) Performed

Monday through Sunday

Report Available

10 to 14 days

Performing Laboratory Location

NMS Labs

Fees & Codes

Fees

- Authorized users can sign in to Test Prices for detailed fee information.
- Clients without access to Test Prices can contact Customer Service 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact Customer Service.

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Test Classification

This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the U.S. Food and Drug Administration.

CPT Code Information

83735
84100

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FCLPF	Cathartic Laxatives Profile, F	Not Provided

Result ID	Test Result Name	Result LOINC® Value
Z5906	Magnesium	10880-3
Z5907	Phosphorus	10884-5