MAYO CLINIC LABORATORIES

Test Definition: FCCK

Cholecystokinin (CCK)

Overview

Method Name
Direct Radioimmunoassay (RIA)

NY State Available
No

Specimen

Specimen Type
GI Plasma

Specimen Required
Patient Preparation: The patient should fast for 10 to 12 hours prior to collection of specimens. Antacid medications and medications that affect intestinal motility should be discontinued, if possible, for at least 48 hours prior to collection of specimens.
Supplies: MCL Supply T125
Container/Tube: Special tube containing G.I. preservative (MCL Supply T125)
Specimen Volume: 3 mL
Collection Instructions:
1. Patient should fast for 10 to 12 hours prior to collection.
2. Collect 10 mL of blood in special GI preservative tube.
3. Specimen should be separated immediately, and plasma frozen as soon as possible and shipped.

Specimen Minimum Volume
1 mL

Reject Due To

Gross hemolysis	Reject
Gross lipemia	Reject
Gross icterus	Reject
Other	Anything other than required G.I. Tube

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
GI Plasma	Frozen	180 days	

Clinical & Interpretive

Clinical Information

Cholecystokinin is a 33 amino acid peptide having a very similar structure to Gastrin. Cholecystokinin is present in several different sized forms including a 58 peptide Pro-CCK and 22, 12, and 8 peptide metabolites. The octapeptide retains full activity of the 33 peptide molecule. Cholecystokinin has an important physiological role in the regulation of pancreatic secretion, gallbladder contraction and intestinal motility. Cholecystokinin levels are elevated by dietary fat especially in diabetics. Elevated levels are seen in hepatic cirrhosis patients. Cholecystokinin is found in high levels in the gut, in the brain and throughout the central nervous system.

Reference Values

Up to 80 pg/mL

Performance

PDF Report

No

Day(s) Performed

Monday, Thursday

Report Available

30 to 32 days

Performing Laboratory Location

Inter Science Institute

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.

Test Classification

This test was developed and its performance characteristics determined by Inter Science Institute. It has not been cleared or approved by the US Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary.

CPT Code Information

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Cholecystokinin (CCK)

83519

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FCCK	Cholecystokinin (CCK)	2081-8

Result ID	Test Result Name	Result LOINC® Value
Z0927	Cholecystokinin (CCK)	2081-8