

# Laboratory Test Catalog



**JOLI Diagnostic Inc.**

Dear Valued Customer,

Thank you for taking the time to visit JOLI Diagnostic Inc. To help you with your clinical diagnoses, we offer you this catalog outlining our available services.

For more than 25 years, JOLI Diagnostic Inc. has been a premier testing laboratory focusing only on the analysis of digestive diseases. Being a small business, we are able to cater to our clients' individual needs. In addition to maintaining a solid performance track record, we pride ourselves on highly personalized interactions with our clients. Our low costs, prompt turn-around times, and experience has allowed us to steadily grow our reputation as a leading company in the field.

At JOLI Diagnostic Inc., our goal is to be your preferred lab-partner and valued provider. To meet this goal every member of our team is dedicated to serving the needs of you and your patients. We are confident that by working together with JOLI Diagnostic Inc., your goals of operational excellence and cost effectiveness will become a reality. If there is anything we can do to help you or if there is something we can do better, please do not hesitate to contact us.



Melawati Yuwono, MD  
President  
JOLI Diagnostic Inc.

## Test Reference Guide

### Disaccharidase Determination

Specimen: 5 mg mucosal biopsy  
Container: Small plastic tube  
Handling: Freeze/ship on dry ice  
TAT\*: Same day as delivery (T-F)  
Cost: \$191.88/complete assay or \$47.97/enzyme  
CPT Code: 82657

### Pancreatic Enzyme Determination

Specimen: 1 mL duodenal fluid  
Container: Small plastic tube  
Handling: Freeze/ship on dry ice  
TAT\*: Test performed weekly  
Cost: \$119.88/fluid  
CPT Code: Trypsin: 84485  
Amylase: 82150  
Lipase: 83690  
Chymotrypsin: 84311  
Protein: 84157  
pH: 83986

### Pancreatic Elastase (PE) in Stool

Specimen: 1 gram random stool  
Container: Plastic container  
Handling: Freeze/ship on dry ice  
TAT\*: Test performed weekly (M)  
Cost: \$55.00  
CPT Code: 82656

### Fecal H. Pylori Specific Antigen

Specimen: 5 grams stool  
Container: Sterile plastic container  
Handling: Freeze/ship on dry ice  
TAT\*: Test performed weekly  
Cost: \$45.00  
CPT Code: 87338 or 87899

### Calprotectin

Specimen: 1-5 gram stool  
Container: Plastic container  
Handling: Freeze/ship on dry ice  
TAT\*: Test performed weekly  
Cost: \$138.00  
CPT Code: 83993

\*TAT = Turn-Around Time

Please note: The laboratory is closed on weekends and select holidays (see website). When shipping, please ship overnight and ensure a **weekday/workday** delivery.

A written report will be faxed and mailed to you immediately following assay completion. Bill will be sent to the institution from which the sample was sent. Should you have any questions, please do not hesitate to contact us.

## Disaccharidase Analysis of Intestinal Mucosal Biopsy Specimens

The enzyme activities (**lactase**, **sucrase**, **maltase**, and **palatinase**) are determined in small bowel biopsies taken via endoscope by the referring clinical physician.

### **Specimen Requirements and Shipping:**

1. Approximately 5 mg of small bowel should be collected through endoscopy for the complete enzyme analysis.
2. The tissue should be placed on the wall of a small, tightly capped, plastic tube appropriately labeled with the patient name, date of birth, ID number, date specimen collected and referring physician name. ***Please do not place the tissue on gauze, filter paper, toothpick, or use any type of support medium.***
3. Freeze immediately and keep frozen for shipping on dry ice.
4. Package according to regulations regarding shipment of infectious material and pack with enough dry ice to last 48 hours. Ship **overnight** by appropriate courier (i.e. UPS/Fed Ex) to JOLI Diagnostic Inc.

### **Turn-Around Time: Results Same Day as receipt of specimen**

Results will be faxed and mailed upon assay completion. Bill will be sent to the institution from which the sample was sent. Should the sample not be of sufficient size to do a total analysis, then \$47.97 will be charged for each enzyme analyzed.

## Pancreatic Enzyme Analysis

Determination of pancreatic enzyme activities (amylase, chymotrypsin, lipase, and trypsin) in duodenal secretions, usually in conjunction with a secretin stimulation test performed by the referring physician.

### **Method:**

Amylase, trypsin, chymotrypsin and protein are quantitatively determined by spectrophotometry. Lipase is determined by pH titration.

### **Specimen Requirements and Shipping:**

1. Approximately 1 mL of duodenal fluid is necessary to perform the total enzyme analysis. The sample can be a single fluid or part of a secretin stimulation test.
2. The fluid must have a pH of 6.0 or greater at the time of collection. A lower pH suggests gastric contamination, which will inactivate the enzyme activities.
3. The duodenal fluid should be placed in a small, tightly capped plastic tube appropriately labeled with the patient name, date of birth, ID number, date specimen collected and name of referring physician.
4. Freeze immediately and keep the fluid/s frozen until shipping.
5. Package according to regulations regarding shipment of infectious material and pack enough dry ice to last 48 hours. Ship **overnight** by appropriate carrier (i.e. UPS/Fed Ex) to JOLI Diagnostic Inc.

### **Turn-Around Time: Test performed weekly**

Results will be faxed and mailed upon assay completion. Bill will be sent to the institution from which the sample was sent.

## Pancreatic Elastase (PE) in Stool

Pancreatic Elastase (PE) is not degraded during intestinal transit and the concentration of PE in a stool sample reflects exocrine pancreatic function. This assay allows the diagnosis or exclusion of pancreatic exocrine insufficiency, which can be caused by chronic pancreatitis, cystic fibrosis, pancreatic tumor, cholelithiasis or diabetes mellitus.

### **Specimen Requirements and Shipping:**

1. Approximately 1 gram of a random formed stool sample is placed in a plastic container labeled with the patient name, date of birth, ID number, date specimen collected and referring physician name. Patients should be off of pancreatic enzyme supplementation therapy prior to specimen collection. **(A watery stool may give seemingly pathological results due to dilution of PE concentration. For an accurate result, a formed stool should be tested.)**
2. The sample should be kept frozen and stored at -20°C or -70°C until it can be shipped on dry ice to our facility.
3. Package according to regulations regarding shipment of infectious material and pack enough dry ice to last 48 hours.
4. Ship **overnight** by appropriate carrier (i.e. UPS/Fed Ex) to JOLI Diagnostic Inc.

### **Turn-Around Time: Test performed weekly**

Results will be faxed and mailed upon assay completion.

Bill will be sent to the institution from which the sample was sent.

## Fecal H. Pylori Specific Antigen

Non-invasive Helicobacter pylori specific antigen (HpSA) testing can detect an active H. pylori infection in the patient stool specimen. Other antibody tests can screen for H. pylori exposure but cannot distinguish between an active infection and a resolved episode. Testing for an active infection helps ensure the eradication of H. pylori after treatment.

### **Method:**

The HpSA enzyme immunoassay (EIA) is an in-vitro qualitative procedure that detects Helicobacter pylori antigens in human stool.

### **Specimen Requirements and Shipping:**

1. A random stool sample of about 5 grams of fresh stool should be collected in a sterile plastic container. The container should be labeled with the patient name, date of birth, ID number, date specimen collected and referring physician name.
2. Samples should be frozen within 72 hours of collection and sent to JOLI on dry ice.
3. Package according to regulations regarding shipment of infectious material and pack enough dry ice to last 48 hours.
4. Ship **overnight** by appropriate carrier (i.e. UPS/Fed Ex) to JOLI Diagnostic Inc.

### **Turn-Around Time: Test performed weekly**

Samples are batched and analyzed weekly. The results will be faxed and mailed to you immediately following assay completion.

Bill will be sent to the institution from which the sample was sent.

# Calprotectin

Calprotectin is a polyclonal ELISA test designed to determine the amount of Calprotectin in stool samples. It can be utilized to differentiate between inflammatory bowel disease (IBD) and irritable bowel syndrome (IBS) and to monitor treatment for IBD.

Random stool collection. Loose or liquid stool samples are acceptable as normalization to stool weight is part of the calculation of the result. Submission of stool samples from diapers should be avoided unless the sample submitted can be taken from a portion of the stool which is not in contact with the diaper material.

## **Specimen Requirements and Shipping:**

1. Approximately 1-5 g of stool in a screw-top clean vial. No preservative is necessary or indicated. Label container with patient name, date of birth, ID number, date specimen collected and referring physician name.
2. Sample transport: stool specimen should be received by the laboratory within **4 days of collection**. Temperature during the shipment should not exceed 30°C
3. Package according to regulations regarding shipment of infectious material and send on ice packs or dry ice.
4. Ship **overnight** by appropriate courier (i.e. UPS/Fed Ex) to JOLI Diagnostic Inc.

## **Turn-Around Time: Test performed weekly**

Results will be faxed and mailed upon assay completion.

Bill will be sent to the institution from which the sample was sent.



## JOLI Diagnostic Inc.

### Institution Information:

Referring Physician Name: \_\_\_\_\_

Phone Number: (\_\_\_\_\_) \_\_\_\_\_

Fax Number: (\_\_\_\_\_) \_\_\_\_\_

Referring Institution (Complete mailing and bill address):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Patient Information:

Name: \_\_\_\_\_

Date of Birth: \_\_\_\_\_ Male  Female

Date Specimen Collected: \_\_\_\_\_

Diagnosis: \_\_\_\_\_

ID or Medical Record Number: \_\_\_\_\_

### Test Requested on Specimens (s): (Please check all applicable)

- Disaccharidase Analysis (on small bowel biopsy-includes Lactase, Sucrase, Maltase, and Palatinase levels)
- Pancreatic Enzymes (on pancreatic fluid-includes Amylase, Lipase, Trypsin, and Chymotrypsin levels)
- Fecal H. pylori Specific Antigen
- Pancreatic Elastase (on stool sample) (Pancreatic enzyme substitution therapy should be discontinued prior to sample collection)
- Fecal Calprotectin (refridgerated or frozen stool sample - send within 4 days of collection, temp must not exceed 30°C in transit)

*To print full size requisition page, please visit our  
website at [www.jolidiagnostic.com](http://www.jolidiagnostic.com)*

*All specimens should be shipped on dry ice by an overnight carrier  
and sent to:*

**JOLI Diagnostic Inc.  
2451 Wehrle Drive  
Williamsville, NY 14221**

*Bill will be sent to the institution from which the sample is sent*



**If you have any questions or would like a free quote, please contact us:**

**Phone: (716) 639-0443**

**Fax: (716) 639-0471**

**Website: [www.jolidiagnostic.com](http://www.jolidiagnostic.com)**

**Email: [joli@jolidiagnostic.com](mailto:joli@jolidiagnostic.com)**