**Lab Dept:** Anatomic Pathology

**Test Name:** LACTASE ON GI BIOPSIES

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### General Information

**Lab Order Codes:** LTAS

**Synonyms:** N/A

**CPT Codes:** 82657 – Enzyme activity in blood cells, cultured cells, or tissue, not elsewhere specified; nonradioactive substrate, each specimen

**Test Includes:** Lactase level only reported in uM/min/gram protein.

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### Logistics

**Test Indications:** N/A

**Lab Testing Section:** Anatomic Pathology - Sendouts

**Referred to:** Mayo Medical Laboratories, MML Test 91305/FDASC (forward to Joli Diagnostics, Inc., Joli test name: “Disaccharidase Determination (for Lactase only)”.

**Phone Numbers:**
- MIN Lab: 612-813-6711
- STP Lab: 651-220-6560

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 1 week

**Special Instructions:** N/A

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### Specimen

**Specimen Type:** Small Bowel biopsy

**Container:** Small, tightly capped, plastic tube

**Draw Volume:** 5 mg small bowel biopsy specimen

**Processed Volume:** Same Draw Volume

**Collection:** Collect fresh tissue. Do not place tissue on gauze or filter paper, nor should any saline, support or embedding material be added.
Special Processing: Lab Staff: Sample should be kept frozen and stored at −20 C to −70 C. Ship frozen. Forward promptly.

Patient Preparation: Physician preference

Sample Rejection: Thawed specimen; mislabeled or unlabeled specimen

**Interpretive**

| Reference Range: | Lactase: 24.5 +/- 8.0 µM/min/gram protein; Abnormal <15.0 |
| Critical Values: | N/A |
| Limitations: | N/A |
| Methodology: | Spectrophotometry |
| References: | Mayo Medical Laboratories August 2013  
Joli Diagnostics August 2013 |
| Update: | 2/15/2011: CPT update, previously listed as 89130.  
8/14/2013: Method previously listed as Nucleic Acid Amplification Technology |