Lab Dept: Anatomic Pathology

Test Name: LACTASE ON GI BIOPSIES

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.

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

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 uM/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