
Lab Dept: **Anatomic Pathology**

Test Name: **DISACCHARIDASE ANALYSIS ON GI BIOPSIES**

General Information

Lab Order Codes: DSAC

Synonyms: N/A

CPT Codes: 82657 x3 – Enzyme activity in blood cells, cultured cells, or tissue, not elsewhere specified; nonradioactive substrate, each specimen

Test Includes: Dissaccharidase (includes lactase, sucrase, maltase & palatinase) levels reported in uM/min/gram protein.

Logistics

Test Indications: N/A

Lab Testing Section: Anatomic Pathology - Sendouts

Referred to: Mayo Medical Laboratories (MML Test: FDSAC forward to Joli Diagnostics, Inc.)

Phone Numbers: MIN Lab: 612-813-6711

STP Lab: 651-220-6560

Test Availability: Daily, 24 hours

Turnaround Time: 3 - 11 days

Special Instructions: N/A

Specimen

Specimen Type: Intestinal biopsy

Container: Small, tightly capped, plastic tube

Draw Volume: 5 mg of intestinal 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

Interpretive

Reference Range:

| | |
|-------------|-----------------------------------------------------|
| Lactase: | 24.5 +/- 8.0 uM/min/gram protein; Abnormal <15.0 |
| Sucrose: | 54.4 +/- 25.4 uM/min/gram protein; Abnormal <25.0 |
| Maltase: | 160.8 +/- 62.8 uM/min/gram protein; Abnormal <100.0 |
| Palatinase: | 11.1 +/- 6.5 uM/min/gram protein; Abnormal <5.0 |

Critical Values: N/A

Limitations: N/A

Methodology: Spectrophotometry

References: [Joli Diagnostic](#) March 2018
(716) 639-0443 Fax: (716) 639-0471

[Mayo Medical Laboratories](#) March 2018
(800) 533-1710

Update: 2/15/2011: CPT update. Previously listed as 89130 x4.