

**Overview**
**Useful For**

Monitoring therapy for vulvovaginitis

Managing chronic recurring disease

Determining the etiology of infectious vaginitis when other tests have been uninformative

**Reflex Tests**

Test ID	Reporting Name	Available Separately	Always Performed
D2F	D2 Fungal Sequencing Identification	No, (Bill Only)	No
FUNA	Fungal Ident Panel A	No, (Bill Only)	No
FUNB	Fungal Ident Panel B	No, (Bill Only)	No
LCCI	Ident Rapid PCR Coccidioides	No, (Bill Only)	No
LCHB	Id, Histoplasma/Blastomyces PCR	No, (Bill Only)	No
RMALF	Id MALDI-TOF Mass Spec Fungi	No, (Bill Only)	No
RMALY	Id MALDI-TOF Mass Spec Yeast	No, (Bill Only)	No

**Testing Algorithm**

When this test is ordered, the reflex tests may be performed and charged.

**Method Name**

Plated to Inhibitory Mold Agar

**NY State Available**

Yes

**Specimen**
**Specimen Type**

Varies

**Shipping Instructions**

Specimen should arrive within 24 hours of collection.

**Necessary Information**

Specimen source is required.

### Specimen Required

**Specimen Type:** Swab

**Source:** Vaginal secretions

**Container/Tube:** Culture transport swab (noncharcoal)

#### Collection Instructions:

1. Before collecting specimen, wipe away any excessive amount of secretion and discharge.
2. Obtain secretions from the mucosal membrane of the vaginal vault with a sterile swab.
3. If smear and culture are requested or both a bacterial culture and fungal culture are requested, collect a second swab to maximize test sensitivity.

### Forms

If not ordering electronically, complete, print, and send a [Microbiology Test Request](#) (T244) with the specimen.

### Specimen Minimum Volume

See Specimen Required

### Reject Due To

Other	Viral transport media (including but not limited to M4, M5, BD viral transport media, thioglycolate broth) Specimen >7 days from collection Petri dish
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### Specimen Stability Information

Specimen Type	Temperature	Time
Varies	Refrigerated (preferred)	7 days
	Ambient	7 days

## Clinical and Interpretive

### Clinical Information

Candidal vulvovaginitis is believed to be the most frequent or second most frequent vaginal infection. Depending on the geographical area, its prevalence in women is estimated to be in the range of 5% to 20%. Besides *Candida albicans*, *C glabrata*, and *C tropicalis* are the most frequently isolated *Candida* species both from vulvo-vaginitis patients and from healthy carriers.

### Reference Values

Negative

If positive, yeast will be identified.

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## Interpretation

Meaningful diagnosis of vaginal candidiasis requires that 1) yeast are demonstrable in the affected area and 2) clinical symptoms and signs are consistent with the disease. Since in up to 20% of healthy women, yeast cells are part of the normal vaginal flora, the presence of *Candida* on culture may be meaningless or misleading unless other clinical factors are considered.

## Clinical Reference

1. McCormack WM: Vulvovaginitis and cervicitis. In Principles and Practice of Infectious Diseases. Sixth edition. Edited by GL Mandell, JE Bennett, R Dolin. Philadelphia, Elsevier Inc, 2005, pp 1357-1372
2. Sutton DA: Specimen collection, transport, and processing: mycology. In Manual of Clinical Microbiology. Ninth edition. Edited by PR Murray, EJ Baron, et al: Washington, DC, ASM Press, 2007, pp 1728-1736

## Performance

### Method Description

Specimens are plated on inhibitory mold agar that contains chloramphenicol to inhibit bacterial contamination. Cultures are incubated at 30 degrees C for 7 days. Identification of *Candida* species is accomplished by a variety of physiologic, biochemical, or molecular tests. (Sutton DA: Specimen collection, transport, and processing: Mycology. In Manual of Clinical Microbiology. Ninth edition. Edited by PR Murray, EJ Baron, et al: Washington DC. ASM Press. 2007, pp 1728-1736)

### PDF Report

No

### Day(s) and Time(s) Test Performed

Monday through Sunday; Varies

### Analytic Time

3 days/Positive cultures reported when detected. Negative 3 days

### Maximum Laboratory Time

4 days

### Specimen Retention Time

Raw specimen discarded after 2 days.

### Performing Laboratory Location

Rochester

## Fees and 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 Regional Manager. For assistance, contact [Customer Service](#).

### Test Classification

This test has been cleared, approved or is exempt by the U.S. Food and Drug Administration and is used per

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manufacturer's instructions. Performance characteristics were verified by Mayo Clinic in a manner consistent with CLIA requirements.

**CPT Code Information**

87102-Fungal culture, vaginal

87106-Id MALDI-TOF Mass Spec Yeast (if appropriate)

87107-Id MALDI-TOF Mass Spec Fungi (if appropriate)

87107-Fungal identification panel A (if appropriate)

87107-Fungal identification panel B (if appropriate)

87150-Identification rapid PCR Coccidioides (if appropriate)

87150 x 2-Identification Histoplasma/Blastomyces, PCR (if appropriate)

87153-D2 fungal sequencing identification (if appropriate)

**LOINC® Information**

Test ID	Test Order Name	Order LOINC Value
FVAG	Fungal Culture, Vaginal	51723-5

Result ID	Test Result Name	Result LOINC Value
FVAG	Fungal Culture, Vaginal	51723-5