Leukorrhea Panel

with reflex to antimicrobial resistance profile

Chlamydia trachomatis
- Azithromycin

Neisseria gonorrhoeae
- Azithromycin
- Ciprofloxacin
- Cephalosporin
- Penicillin
- Spectinomycin
- Tetracycline

Trichomonas vaginalis
- Metronidazole

Advantages:
- Detection by Real-Time PCR and Pyrosequencing
- Antimicrobial resistance profile in “Real-Time” by SNP’s analysis
- Turnaround time of 24 to 48 hours
- Antimicrobial resistance at no additional cost.

For Women: Cervical Collection
Urine Collection

For Men: Non-invasive
Urine Collection

Available exclusively from MDL

Medical Diagnostic Laboratories L.L.C.

A MEMBER OF GENESIS BIOTECHNOLOGY GROUP

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Upd: 7/2014
# Final Test Results

**Physician Copy**

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Test Code</th>
<th>Date Collected</th>
<th>Specimen</th>
<th>Comment</th>
<th>Normal</th>
<th>Abnormal</th>
<th>Reference/Units/Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlamydia trachomatis by Real-Time PCR (Reflex to azithromycin resistance)</td>
<td>105</td>
<td>10/10/2012</td>
<td>Swab - 1</td>
<td>Not Indicated</td>
<td>Positive</td>
<td></td>
<td>A2058C mutation detected. Suggestive of macrolide resistance.</td>
</tr>
<tr>
<td>Trichomonas vaginalis by Real-Time PCR (Reflex to metronidazole resistance)</td>
<td>111</td>
<td>10/10/2012</td>
<td>Swab - 1</td>
<td>Not Indicated</td>
<td>Positive</td>
<td></td>
<td>Presence of Tvn tr6 K80STOP mutation detected. &gt;90% likelihood of metronidazole resistance.</td>
</tr>
<tr>
<td>Neisseria gonorrhoeae by Real-Time PCR (Reflex to Antibiotic Resistance by Bio-Plex Analysis)</td>
<td>167</td>
<td>10/10/2012</td>
<td>Swab - 1</td>
<td>Not Indicated</td>
<td>Positive</td>
<td></td>
<td>Resistant to CFM, PEN, and SPC. Sensitive to CIP, TET, and AZM.</td>
</tr>
</tbody>
</table>

**Patient Information:**

- **Name:** DOE, JANE
- **DOB:** 1/1/1987
- **SSN:** 1234567890

**Ordering Physician/Lab:**

- **Name:** JOHN DOE MD
- **Address:** 202 ANY STREET
  YOUNG AMERICA, MN 55555
- **Tel:** 555-555-5551
- **Fax:** 555-555-5555

**Test Results:**

- **Test:** Chlamydia trachomatis by Real-Time PCR
  - **Code:** 105
  - **Date Collected:** 10/10/2012
  - **Specimen:** Swab - 1
  - **Result:** Positive
  - **Comment:** Not Indicated
  - **Reference/Units/Comments:** A2058C mutation detected. Suggestive of macrolide resistance.

- **Test:** Trichomonas vaginalis by Real-Time PCR
  - **Code:** 111
  - **Date Collected:** 10/10/2012
  - **Specimen:** Swab - 1
  - **Result:** Positive
  - **Comment:** Not Indicated
  - **Reference/Units/Comments:** Presence of Tvn tr6 K80STOP mutation detected. >90% likelihood of metronidazole resistance.

- **Test:** Neisseria gonorrhoeae by Real-Time PCR
  - **Code:** 167
  - **Date Collected:** 10/10/2012
  - **Specimen:** Swab - 1
  - **Result:** Positive
  - **Comment:** Not Indicated
  - **Reference/Units/Comments:** Resistant to CFM, PEN, and SPC. Sensitive to CIP, TET, and AZM.