

When an internal exam just isn't an option...

NEW Tests

UroSwab®

Non-invasive STD testing for adolescent females

Of the estimated 15.3 million new cases of sexually transmitted disease in the United States each year, 3 million occur in people between the ages of 13 and 19.

- Test 105** *Chlamydia trachomatis* by Real-Time PCR
(*Reflex to azithromycin resistance by Pyrosequencing)
- Test 121** *Leukorrhea Panel* by Real-Time PCR
(*N. gonorrhoeae**, *C. trachomatis****, *T. vaginalis**, *Mycoplasma genitalium*¶)
- Test 129** *Mycoplasma genitalium*
(Reflex to azithromycin & fluoroquinolone resistance by Pyrosequencing)
- Test 167** *Neisseria gonorrhoeae* by Real-Time PCR
(*Reflex to antibiotic resistance by Molecular Analysis)
- Test 109** *N. gonorrhoeae** & *C. trachomatis*** by Real-Time PCR
- Test 111** *Trichomonas vaginalis* by Real-Time PCR
(*Reflex to Metronidazole Resistance)

Simple, non-invasive urine collection



Step 1. Urine collection should be at least one hour between voids.

Step 2. The patient may void directly on the sponge or collect a urine sample in a urine container. Dip the sponge into the urine container.

Step 3. Place the sponge into the vial. Tightly cap the vial and label with patient information.



Step 1.



Step 2.



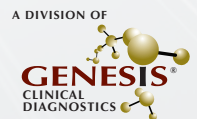
Step 3.

Applicable for adolescent females who are not candidates for internal exams.



A MEMBER OF GENESIS BIOTECHNOLOGY GROUP

Medical Diagnostic Laboratories
www.mdlab.com • 877.269.0090



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MEDICAL DIAGNOSTIC LABORATORIES

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Final

MDL#: 8875032

Test Results

Patient Information: SSN: N/A DOE, JANE 123 MAIN ROAD MARLTON, NJ 08053 Sex: Female Home: (856) 555-5555	DOB: 1/1/1978 (Age:43)	Ordering Physician/Lab: DOE WOMANS GROUP JOHN DOE, MD 555 SMITH STREET ANYTOWN, NJ 55555 Tel: (856) 555-5552 Fax: (856) 555-5553	NPI: 1234567890
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Patient ID: _____ Date Received: **8/1/2023** Date Reported: **8/3/2023**

Test	Specimen	Date Collected Comment	Results		Reference/Units/Comments
			Normal	Abnormal	
Chlamydia trachomatis by Real-Time PCR (Reflex to Azithromycin Resistance by Pyrosequencing) 105 Verified 8/2/2023	Swab - 1	7/31/2023 Vaginal		Positive	A2058C mutation not detected. Suggestive of macrolide susceptibility.
Trichomonas vaginalis by Real-Time PCR (Reflex to metronidazole resistance) 111 Verified 8/2/2023	Swab - 1	7/31/2023 Vaginal		Positive	Tvnr6 K80STOP mutation not detected. Cannot determine metronidazole susceptibility or resistance.
Neisseria gonorrhoeae by Real-Time PCR (Reflex to Antibiotic Resistance by Molecular Analysis) 167 Verified 8/2/2023	Swab - 1	7/31/2023 Vaginal		Positive	****Ceftriaxone/cefixime resistance mutations not detected.
Mycoplasma genitalium by Real-Time PCR (Reflex to Azithromycin and Fluoroquinolone Resistance) 129 Verified 8/2/2023	Swab - 1	7/31/2023 Vaginal		Positive	A2058G mutation(s) detected. Suggestive of Azithromycin Resistance. parC Fluoroquinolone mutations not detect. Suggestive of Fluoroquinolone susceptibility.

Swab-1;105:Chlamydia trachomatis by Real-Time PCR (Reflex to Azithromycin Resistance by Pyrosequencing)

The A2058C mutation within the 23S rRNA gene has been identified as one mechanism of macrolide resistance (Misyurina OY et al. Anti Microb Agents and Chemother. 2004). A negative result does not rule out the possibility of resistance in all instances.

Swab-1;111:Trichomonas vaginalis by Real-Time PCR (Reflex to metronidazole resistance)

The Tvnr6 K80STOP mutation predicts metronidazole resistance with 40% sensitivity and 96% specificity. The presence of the mutation has a positive predictive value (PPV) for metronidazole resistance of 91%. A negative result is inconclusive and does not indicate susceptibility or resistance to metronidazole. This assay was developed by testing 100 well-characterized metronidazole-sensitive and resistant isolates provided by the Centers for Disease Control and Prevention (CDC).

Swab-1;167:Neisseria gonorrhoeae by Real-Time PCR (Reflex to Antibiotic Resistance by Molecular Analysis)

****The specimen was tested for antibiotic resistance to Ceftriaxone and Cefixime. The PenA gene of Neisseria gonorrhea is analyzed for mosaicism and the following amino acid substitutions: 201->H, 202->A, 203->G, 204->E, Q230->K, A311->V, I312->M, V316->T/P, and A323->S.