



# Mycoplasma Genitalium PCR

*Mycoplasma genitalium* is a common cause of non-gonococcal urethritis (NGU) in men and currently accounts for 10% to 35% of cases globally. The prevalence is 0.8% to 2.3% in young women and 1.1% to 6.9% in young men. In women, it has been associated with cervicitis, pelvic inflammatory disease and infertility. *M. genitalium* may also play an important role in HIV acquisition and transmission.

As this organism is highly fastidious and slow growing, culture is not feasible and the diagnosis relies on nucleic acid amplification tests (NAAT).

## What is *Mycoplasma genitalium*?

*Mycoplasma genitalium* is a sexually transmitted bacterium that infects the mucosa of the urethra, cervix and anus.

## Clinical features

Testing can be performed in symptomatic women with vaginal discharge, dysuria or pelvic inflammatory disease. Testing can be performed in men with urethritis, dysuria and discharge. High-risk sexual behaviour could also be an indication for testing. Screening of asymptomatic individuals is currently not recommended. Positive isolates will be referred for macrolide resistance testing.

If *M genitalium* infection has been diagnosed, a test for a cure one month after treatment is recommended.

## How to order

*Mycoplasma genitalium* should be ordered with *Chlamydia trachomatis* and *Neisseria gonorrhoeae*.

## Sample required

The preferred sample is a urine specimen. Otherwise, 2 vaginal, endocervical, urethral or anal swabs are required.

## Cost

Medicare Bulk Billing is available.

## Contact information

If further information regarding testing is required, or you need to discuss a patient, please contact your local microbiologist:

**Dr Linda Dreyer (VIC/QLD/SA/NT)**

P: (03) 9538 6777

E: linda.dreyer@clinicallylabs.com.au

**Dr Stella Pendle (NSW/ACT)**

P: (02) 8887 9999

E: stella.pendle@clinicallylabs.com.au

**Dr Sudha Pottumarthy-Boddu (WA)**

P: 1300 134 111

E: sudha.pottumarthyboddu@clinicallylabs.com.au