

# MYCOPLASMA HOMINIS

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## THE BACTERIUM

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The extremely little genome of *Mycoplasma hominis* and the extremely reduced biosynthetic abilities explain the parasitic life of this myco-organisms.

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## CLINICAL MANIFESTATION

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The *Mycoplasma hominis* is very common in the genital and urinal apparatus, especially in sexual active people, but it can even be associated to some pathologies of the adult genital apparatus and of the infant breathing apparatus. The *Mycoplasma hominis* is usually involved in bacterial vaginosis and in pelvic inflammatory disease. It can provoke infertility, miscarriage, endometritis, salpingitis, premature membrane's break, corion-amniotic infections and inadequate infant development. In men it can provoke infertility, urethritis, prostatitis and pyelonephritis. In situations where the immune system is compromised, the *Mycoplasma hominis* can provoke extra genital pathologies.

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## TEST

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The highlight by means of culture is extremely difficult. Serological methods are not specific, because the bacterium produces crossed reactions with *Mycoplasma pneumoniae*.

The highlight of *M. hominis* by means of PCR is a very sensible and specific method.

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## SAMPLE TAKING

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Urogenital smear, urogenital and articular pointed, ejaculated, biopsy.

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## EXECUTION

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Daily.

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## COST

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According to the federal charge rate of the analyses for *Mycoplasma* spp (urogenital) and *Ureaplasma* spp (urogenital) (3455.00) TP 230.

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Laboratorio  
di diagnostica  
molecolare

Further information or bibliographic references can be asked to the laboratory.