



MYCOPLASMA HOMINIS AND UREAPLASMA SPECIES CULTURE

Synonym(s): Mycoplasma hominis Culture, Ureaplasma Culture, Genital Mycoplasma Culture

Back To Previous Page ([javascript: history.go\(-1\)](javascript: history.go(-1)))

Lab Section Category

Bacteriology/Mycology/Parasitology - Bacteria

Click here to find out more about the **write-up** (</Clinical-Departments-Centers/Pathology/Pathology-Handbook/Lab-Discipline-Special-Instructions/pages/bacteriology-mycology-parasitology.aspx>).

Specimen Required	<p>Urogenital samples:</p> <ul style="list-style-type: none">-Urethral swabs-Prostatic secretions-Semen-Urinary calculi-Cervical swabs-High vaginal swabs-Endometrial tissue-Tubal samples-Fluid from the pouch of Douglas <p>Respiratory samples (neonates only):</p> <ul style="list-style-type: none">-Nasopharyngeal-Throat secretions-Endotracheal secretions-BAL <p>Samples from sterile sites:</p> <ul style="list-style-type: none">-Blood-CSF-Joint fluid-Fluid or tissue from other sterile sites <p>Swabs</p> <p>When swabs are obtained from patients, care should be taken to sample as many cells as possible, since mycoplasmas are cell-associated.</p> <p>Special mycoplasma transport media should be requested from Client Services (Tel: 6321 4950/4952/4904) in preparation for taking the specimen which should be inoculated into the media. As the swabsticks may be toxic to the mycoplasmas, the swabs should be swirled and squeezed against the side of the container and then discarded. They should never be left in the container.</p> <p>Tissue and fluid from all sites:</p> <p>Small pieces of tissue (< 5 g) Small volumes (< 1 mL) of fluid/pus</p> <p>These should be sent in the mycoplasma transport media to ensure viability of the organism. Large amounts of such samples may be sent in plain, sterile containers.</p> <p>Blood:</p> <p>10 mL of blood obtained aseptically should be inoculated into an Anaerobic blood culture bottle commonly available in the wards.</p>
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Storage and Transport	All samples should be despatched to the laboratory as soon as possible. Specimens must be held at 4°C (refrigerated) if there is a delay for a few hours in transporting the specimen.
Method	Culture
Test Result	<i>Mycoplasma hominis</i> isolated; No <i>Mycoplasma hominis</i> isolated; <i>Ureaplasma</i> species isolated; No <i>Ureaplasma</i> species isolated
Turnaround Time	3 to 12 days
Day(s) Test Set up	Monday – Saturday
Remarks	Urine samples are not suitable.

[Back To Previous Page \(javascript: history.go\(-1\)\)](#)

Change History Notes

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