

Test Information Summary
Mycoplasma/Ureaplasma Amniotic Fluid Culture

Test Code:	AFMYC201
CPT Code:	87109
Preferred Specimen:	1 mL of Amniotic Fluid
Minimum Volume:	0.5 mL of Amniotic Fluid
Transport Container:	Port-a-Cul vial™
Transport Temperature:	Room temperature (20°C-25°C) Frozen Unacceptable
Specimen Stability:	Room temperature (20°C-25°C) for 72 hours
Methodology:	Cultures will be set up on A8 agar and 10B broth. A8 agar plates are incubated at 37°C CO ₂ for 7 days and read microscopically daily. 10 B broth is incubated at 37°C and read twice a day for 7 days. Signs of growth are a change in turbidity or a change in the color of the reagent from yellow to pink.
Set up and Reporting:	Mon-Fri; TAT after receipt of specimen: within 72 hours
Reference Intervals:	No growth
Alert Value:	Growth of <i>Mycoplasma sp.</i> or <i>Ureaplasma sp.</i> is considered significant. All positive results are considered evidence of Intraamniotic infection and will be communicated to the ordering physician or their designee within one hour of resulting final report.
Clinical Significance:	Intraamniotic infection is an acute bacterial infection of the amniotic fluid and intrauterine contents that complicates 4 – 10% of all pregnancies. Intraamniotic infection is also an important cause of preterm birth, responsible for 10 – 20% of all preterm births and more than 50% of preterm births occurring before 30 weeks of gestation. <i>Mycoplasma hominis</i> and <i>Ureaplasma urealyticum</i> have been implicated in cases of intraamniotic infection as a result of ascending infection of the amniotic cavity from the urogenital tract.

(The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.)