

Test Information Summary Amniotic Fluid Aerobic Culture

Test Code:	AFAEC300
CPT Code:	Aerobic Culture 87070; Aerobic ID 87077
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:	Culture and standardized microbiological techniques, such as morphology, biochemical tests and growth characteristics, will be used to facilitate recovery and classification of aerobic organisms from amniotic fluid.
Limitations:	Reject specimen for culture if specimen is unlabeled, leaking or received in the lab >72 hours after collection.
Set up and Reporting:	Mon-Fri; TAT after receipt of specimen: within 72 hours
Reference Intervals:	No growth
Alert Value:	Growth of microorganisms 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. Aerobic bacteria such as Staphylococcus and Streptococcus species 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.)