

Pan-Ehrlichia spp./ A. phagocytophilum PCR*

Infections with Pan-Ehrlichia spp. (*E. chaffeensis*, *E. muris eauclairensis*, *E. ewingii*) (HME) or *A. phagocytophilum* (HGA) usually cause a very high rate of bacteremia. As a result, large amounts of bacterial DNA may be present in the circulation, lending itself to rapid detection using molecular techniques. Since rapid detection is a key to effective clinical management, the Luminex ARIES[®] has been used to validate the detection of these agents in whole blood specimens.

Targets
(Indicate One)

Pan-Ehrlichia spp. (ECP)*
A. phagocytophilum (APH)*

Accepted Specimens

5.0 ml of whole blood collected in EDTA. For pediatric specimens, collect 1.0 ml whole blood in EDTA. Maintain at 4°C until delivered.

Specimens Receipt

Specimens are accepted Monday through Friday.

Assay Schedule

Pan-Ehrlichia spp./A. phagocytophilum PCR is set up Monday through Friday, with results usually available by 2:00 pm on the day of receipt.

Normal Range

Not detected

CPT Codes

ECP: 87798
APH: 87798

**This test was developed, and its performance characteristics determined by the Infectious Diseases Laboratory using Analyte Specific Reagents. It has not been cleared or approved by the FDA. The FDA has determined that such clearance is not necessary. This test is used for clinical purposes and should not be regarded as investigational or for research. This laboratory is regulated under the CLIA Amendments of 1988, 42 U.S.C. §263a as qualified to perform high-complexity clinical testing of this nature.*