

## ***Ehrlichia*/*Anaplasma*, Molecular Detection, PCR, Blood**

**Test ID:** EPCRB

**Useful for:**

Evaluating patients suspected of acute anaplasmosis or ehrlichiosis.

This test should not be used for screening asymptomatic individuals.

**Methods:**

Real-Time Polymerase Chain Reaction (PCR)/DNA Probe Hybridization

**Reference Values:**

Negative (Reference values apply to all ages)

**Specimen Requirements:**

**Container/Tube:** Lavender top (EDTA)

**Specimen Volume:** 1 mL

**Collection Instructions:** Send whole blood specimen in original tube. **Do not aliquot.**

**Minimum Volume:** 0.3 mL

**Specimen Stability Information:**

Specimen Type	Temperature	Time
Whole Blood EDTA	Refrigerated	7 days

**Cautions:**

This assay should only be used to test patients with signs and symptoms of ehrlichiosis or anaplasmosis.

A negative result does not indicate absence of disease.

Inadequate specimen collection or improper conditions for storage or transport may invalidate test results.

This test may detect DNA of *Ehrlichia canis* (reported to cause asymptomatic infection in Venezuela only).

This polymerase chain reaction test does not detect DNA of *Rickettsia* (formerly *Ehrlichia*) *sennetsu*, which has been reported to cause a rare mononucleosis-like illness in humans (in Japan and Malaysia).

**CPT Code:**

87798 x 4

**Day(s) Performed:** Monday through Saturday**Report Available:** 1 to 4 days**Questions**

Contact James Conn, Laboratory Technologist Resource Coordinator at 800-533-1710.