

## **NEW TEST ANNOUNCEMENT**

**NOTIFICATION DATE:** March 28, 2014 **EFFECTIVE DATE:** May 6, 2014

# COCCIDIOIDES ANTIBODY EIA WITH REFLEX, CSF Test ID: COXIC

**EXPLANATION**: *Coccidioides* CSF EIA with reflex to Complement Fixation (CF) and Immunodiffusion (ID) is available as a stand-alone test. The Fungal Antibody Survey, Spinal Fluid (FSC) is no longer available.

**USEFUL FOR:** Aid to diagnose *Coccidioides* infection in cerebrospinal fluid.

#### REFLEX TESTS

Test ID	Reporting Name	<b>Available Separately</b>	<b>Always Performed</b>
RCCOC	Coccidioides Ab, CF and ID, CSF	No	No

#### **TESTING ALGORITHM**

If *Coccidioides* Ab CSF test result is positive, RCCOC-*Coccidioides* Ab, CF/ID, CSF will be performed at an additional charge.

**METHODOLOGY:** COXIC-Enzyme Immunoassay (EIA)

RCCOC – Complement Fixation (CF) and Immunodiffusion (ID)

**REFERENCE VALUES:** Negative

**SPECIMEN REQUIREMENTS: CSF** 

Container/Tube: Sterile container/vial

**Specimen Volume:** 2 mL **Minimum Volume:** 1.7 mL

### **SPECIMEN STABILITY INFORMATION:**

Specimen Type	Temperature	Time
CSF	Refrigerated (preferred)	14 days
	Frozen	14 days

**CPT CODE**: 86635 X1

86635 x3 (as appropriate for reflex test)

**DAY(S) SET UP**: Monday through Friday, Sunday

**ANALYTIC TIME:** 1 day (Additional days for CF/ID results if reflex testing is required.)

#### **CAUTIONS:**

- o The diagnosis of and treatment for *Coccidioides* infection should not be based on a reactive *Coccidioides* EIA result alone.
- Results must be interpreted in the context of patient presentation. The presence of antibodies in CSF may be due to contamination of the specimen following a traumatic lumbar puncture or non-specific permeability through the blood-brain barrier.
- o A negative result does not rule out infection as antibody levels may be below detectable levels at the time of CSF.
- Rarely, cross reactivity of the *Coccidioides* Ab, Screen may occur in patients infected with other dimorphic fungal agents including *Histoplasma* and *Blastomyces*.
  Therefore all *Coccidioides* EIA reactive results must be confirmed by complement fixation and immunodiffusion