If pulmonary/localized disease or not immunocompromised

Screening test: *Histoplasma* antibodies by immunodiffusion (test code HSTO)

- If positive
  - Follow titers of antibodies with *Histoplasma* antibodies by complement fixation (test code HICFB).

Obtain specimen from site of involvement for culture.

Follow titers of antibodies with *Histoplasma* antibodies by complement fixation (test code HICFB).

Fungal culture of specimen from site of involvement; or if disseminated infection is suspected, preferred culture tissue is bone marrow (test code P256).

If immunocompromised or suspect disseminated disease

Screening test: *Histoplasma* antigen by urine (test code HISTAG)

- If HSTO or HISTAG is negative, or if clinically highly suspicious, consider doing both tests.

Obtain specimen from site of involvement for culture.

If positive

Obtain specimen from site of involvement for culture.

Fungal blood cultures (test code P258) may be considered in patients with suspected disseminated histoplasmosis if unable to obtain bone marrow; Lab medicine approval required.

Body fluid *Histoplasma* antigen testing (test code HISTAG); Lab approval required.

Reviewer:: Steve Miller MD, PhD. Last updated: 12/4/14