
Reporting Title: Histoplasma/Blastomyces PCR

Performing Location Rochester

Ordering Guidance:

Urine is not an acceptable source for this assay. Studies indicate that *Histoplasma* DNA is not routinely found in the urine of patients with disseminated histoplasmosis. Therefore, the UHIST / *Histoplasma* Antigen, Urine is the recommended test for this specimen source.

Additional Testing Requirements:

This test should always be performed in conjunction with fungal culture, order FGEN / Fungal Culture, Routine.

Shipping Instructions:

Specimen must arrive within 7 days of collection; specimens received after 7 days will be rejected.

NALC/NaOH-digested specimen must arrive within 7 days of digestion.

Necessary Information:

Specimen source is required.

Specimen Requirements:

The high sensitivity of amplification by PCR requires the specimen to be processed in an environment in which contamination of the specimen by *Histoplasma* or *Blastomyces* species DNA is not likely.

Submit only 1 of the following specimens:

Specimen Type: Body fluid

Sources: Body, CSF, bone marrow

Container/Tube: Sterile container

Specimen Volume: 1 mL

Specimen Type: Respiratory

Sources: BAL, bronchial washing, sputum

Container/Tube: Sterile container

Specimen Volume: 1 mL

Specimen Type: Tissue or bone

Container/Tube: Sterile container

Specimen Volume: 5-10 mm

Collection Instructions: Collect a fresh tissue or bone specimen.

Acceptable:

Specimen Type: NALC/NaOH-digested respiratory specimens

Sources: Lavage fluid, bronchial washing, gastric washing, respiratory fluid, sputum, or tracheal secretion

Container/Tube: Sterile container

Specimen Volume: 2 mL

Collection Instructions:

1. Submit digested specimen treated with NALC/NaOH.
2. Clearly indicate on container and order form that specimen is a digested specimen.

Forms:

If not ordering electronically, complete, print, and send a [Microbiology Test Request](#) (T244) with the specimen.

Specimen Type	Temperature	Time	Special Container
Varies	Refrigerated (preferred)	7 days	
	Ambient	7 days	
	Frozen	7 days	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
HBRP	SRC78	Histo/Blasto Source	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC
SRC78	Histo/Blasto Source	Alphanumeric		31208-2
32457	Histo/Blasto Result	Alphanumeric		81653-8

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

87798 x 2

Reference Values:

Not applicable