
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. The recommended test for urine specimens is HSTQU / Histoplasma Antigen, Quantitative Enzyme Immunoassay, Random, Urine.

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.

N-acetyl-L-cysteine-sodium hydroxide (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 polymerase chain reaction 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, spinal fluid, bone marrow

Container/Tube: Sterile container

Specimen Volume: 1 mL

Specimen Type: Respiratory

Sources: Bronchoalveolar lavage, 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: N-acetyl-L-cysteine-sodium hydroxide (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.

Specimen Minimum Volume:

Body fluid or respiratory specimen: 0.5 mL

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