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**Lab Dept:** Serology

**Test Name:** HISTOPLASMA ANTIGEN, URINE

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***General Information***

**Lab Order Codes:** HSTQU

**Synonyms:** Histoplasma Ag, Urine; Histoplasma Polysaccharide Antigen

**CPT Codes:** 87385 - Infectious agent antigen detection by enzyme immunoassay technique. Qualitative or semiquantitative multiple step method; Histoplasma capsulatum

**Test Includes:** Histoplasma antigen result reported in ng/mL.

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***Logistics***

**Test Indications:** Aid for the diagnosis of Histoplasma capsulatum infection and to monitor quantitative Histoplasma antigen levels in urine.

**Lab Testing Sections:** Serology - Sendouts

**Referred to:** Mayo Medical Laboratories (Test: HSTQU)

**Phone Numbers:** MIN Lab: 612-813-6280

STP Lab: 651-220-6550

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 1-2 days, test set up daily

**Special Instructions:** N/A

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***Specimen***

**Specimen Type:** Urine, random  
(Note: The sensitivity of antigen detection is greater using urine over serum.)

**Container:** Urine Cup or other leak-proof container

**Draw Volume:** Submit entire random urine specimen

**Processed Volume:** 4 mL (Minimum: 3.5 mL) urine from a random urine collection (no preservative)

<b>Collection:</b>	Random or catheterized urine collection
<b>Special Processing:</b>	Lab Staff: Refrigerate specimen and send refrigerated to reference lab. <b>Do Not</b> use preservatives for collection.
<b>Patient Preparation:</b>	None
<b>Sample Rejection:</b>	Specimens other than urine; mislabeled or unlabeled specimens

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***Interpretive***

<b>Reference Range:</b>	Not Detected	Not Detected
	Detected	<0.2 ng/mL
	Detected	0.2 – 25.0 ng/mL
	Detected	>25.0 ng/mL

**Critical Values:** N/A

**Limitations:** N/A

**Methodology:** Enzyme Immunoassay (EIA)

**References:** [Mayo Clinic Laboratories Web Page](#) September 2021

**Updates:**  
 3/25/2004: Test moved from a direct referral to Mira Vista Diagnostics to a forward to the same laboratory through Mayo Medical Laboratories,  
 3/1/2007: Result changed units, previously reported at EIA Units. Note reference range changes.  
 4/1/2012: Reference range change.  
 8/14/2014: Test now performed at MML with reflex to Mira Vista if appropriate.  
 9/14/2021: Updated test at Mayo.