Lab Dept: Serology

Test Name: HISTOPLASMA ANTIGEN, URINE

**General Information**

Lab Order Codes: UHIAG

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.

**Logistics**

Test Indications: Aid for the diagnosis of Histoplasma capsulatum infection and to monitor quantitative Histoplasma antigen levels in urine. Patients having lived in or visited an endemic area may indicate possible exposure.

Lab Testing Sections: Serology - Sendouts

Referred to: Mayo Medical Laboratories (Test: UHIST) and possible reflex forward to Mira Vista Diagnostics, Indianapolis, IN (Test: FMVHU)

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

**Specimen**

Specimen Type: Urine, random

(Note: The sensitivity of antigen detection is greater using urine over serum.)

Container: Urine Cup or other leakproof container

Draw Volume: Submit entire random urine specimen
Processed Volume: 3 mL urine from a random urine collection (no preservative)

Collection: Random or catheterized urine collection

Special Processing: Lab Staff: Refrigerate specimen and send refrigerated to reference lab. **Do Not** use preservatives for collection.

Patient Preparation: None

Sample Rejection: Specimens other than urine; mislabeled or unlabeled specimens

### Interpretive

<table>
<thead>
<tr>
<th>Reference Range</th>
<th>Interpretation</th>
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</thead>
<tbody>
<tr>
<td>0.00 – 0.10</td>
<td>Negative</td>
</tr>
<tr>
<td>0.11 – 0.49</td>
<td>Indeterminate</td>
</tr>
<tr>
<td>&gt;=0.50</td>
<td>Positive</td>
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</tbody>
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Specimen with an Indeterminate result will be reflexed to Mira Vista Diagnostics for confirmation of result.

**Confirmatory Reference Interval:** None detected

Results are reported as ng/mL in 0.4 – 19 ng/mL

Results above the limit of detection but below 0.4 ng/mL are reported as “Positive, Below the Limit of Quantification”.

Results above 19 ng/mL are reported as “Positive, Above the Limit of Quantification”.

Critical Values: N/A

Limitations: N/A

Methodology: Enzyme Immunoassay (EIA) for both base test and reflex.

References:

- Mayo Medical Laboratories Web Page August 2014
- Mira Vista Diagnostics Laboratories, Indianapolis, IN, 2014

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.