Toxoplasmosis Serologic Testing for Pregnant Individuals

**INDICATIONS FOR TESTING**
Pregnant individuals who are immunocompromised or who have symptoms of acute toxoplasmosis, including flu-like illness and blurred vision or pain with bright light

ORDER
Toxoplasma gondii Antibodies, IgG and IgM

**Infected before pregnancy**
- IgG positive, IgM negative
- IgG negative, IgM negative
- IgG negative, IgM positive
- IgG negative, IgM equivocal
- IgG equivocal, IgM negative
- IgG equivocal, IgM positive
- IgG positive, IgM negative
- IgG positive, IgM positive
- IgG equivocal, IgM equivocal

No evidence of previous infection

Possible early acute infection or false-positive result

Indeterminate

Possible chronic infection or false-positive result

Obtain new specimen for testing; use as a comparator with first test

Same result (IgG negative, IgM equivocal)
Same result (IgG negative, IgM positive)
Same result (IgG equivocal, IgM negative)
Same result (IgG equivocal, IgM positive)
Same result (IgG positive, IgM negative)
Same result (IgG positive, IgM positive)
Same result (IgG equivocal, IgM positive)
Same result (IgG positive, IgM positive)

**<18 wks gestation**
- Patient most likely not infected
- Patient most likely not infected
- Patient most likely not infected
- Patient most likely not infected
- Indeterminate
- Indeterminate
- Indeterminate
- Indeterminate

**≥18 wks gestation**

Infection may have occurred during pregnancy
Consider obtaining a previously collected specimen or consulting PAMF

Patient most likely not infected
Most likely false-positive result
Patient most likely not infected
Patient most likely not infected

Send to PAMF if confirmation is required

Specialized toxoplasmosis serology testing at PAMF

Chronic infection
Acute infection

Send to PAMF if confirmation is required

**Abbreviations**

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<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>AC</td>
<td>Acetone fixed</td>
</tr>
<tr>
<td>HC</td>
<td>Formalin fixed</td>
</tr>
<tr>
<td>IgG</td>
<td>Immunoglobulin G</td>
</tr>
<tr>
<td>IgM</td>
<td>Immunoglobulin M</td>
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<td>PCR</td>
<td>Polymerase chain reaction</td>
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**References**

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