### Clinical Testing
#### Routine Serology

**Table 12. Routine Serology**

<table>
<thead>
<tr>
<th>Disease or Agent</th>
<th>TAT (Days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Syphilis (Prenatal)</td>
<td>3</td>
</tr>
<tr>
<td><em>Toxoplasma gondii</em>, IgG Antibody (Prenatal)</td>
<td>7</td>
</tr>
</tbody>
</table>

Performed at the Chicago Laboratory

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**Specimen Requirements**
5 mL Autosep® vacutainer tube of blood for Syphilis, Rubella and/or Toxoplasmosis testing
A separate 5 mL Autosep® vacutainer tube of blood for Hepatitis testing

**Information Required**
Completed Routine Serology Submission form (11508)

**Collection Materials**
See [Clinical Supplies Requisition Form](#) for supplies

**Test Methodologies**
- **Syphilis** – Anti-Treponemal Enzyme Immunoassay (EIA), quantitative Rapid Plasma Reagin (RPR) when EIA is repeatedly reactive, Fluorescent Treponemal Antibody-Absorption Double Stain (FTA-ABS DS) when RPR is negative
- **Rubella** – Enzyme Immunoassay
- **Toxoplasmosis** – Chemiluminescence Assay for Toxoplasma gondii IgG Antibodies

**Criteria for Rejection**
Insufficient quantity; hemolyzed, lipemic or contaminated serum; specimen more than 10 days old; specimen not labeled; incomplete Routine Serology requisition form

**Interfering Substances**
Gross bacterial contamination and anticoagulants

*Toxoplasmosis testing performed at a reference laboratory*