Toxoplasmosis Serologic Testing for Pregnant Individuals

**INDICATIONS FOR TESTING**

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

**ORDER**

IgG and IgM antibody testing for *Toxoplasma gondii*

### Results Interpretation

**<18 wks gestation**

- **IgG positive, IgM negative**
  - Infected before pregnancy
  - Consider obtaining a previously collected specimen or consulting PAMF

- **IgG negative, IgM negative**
  - No evidence of previous infection

- **IgG negative, IgM equivocal**
  - Possible early acute infection or false-positive result

- **IgG negative, IgM positive**
  - Indeterminate

- **IgG equivocal, IgM negative**
  - No further action necessary

- **IgG equivocal, IgM equivocal**
  - Possible chronic infection or false-positive result

- **IgG positive, IgM equivocal**
  - Chronic infection

- **IgG positive, IgM positive**
  - Perform specialized testing if confirmation is required

**≥18 wks gestation**

- **IgG positive, IgM negative**
  - Infection may have occurred during pregnancy
  - Consider obtaining a previously collected specimen or consulting PAMF

- **IgG negative, IgM positive**
  - Most likely false-positive result

- **IgG negative, IgM positive**
  - Patient most likely not infected

- **IgG equivocal, IgM negative**
  - Patient most likely not infected

- **IgG equivocal, IgM equivocal**
  - Same result

- **IgG equivocal, IgM positive**
  - Same result

- **IgG positive, IgM positive**
  - Possible acute infection

- **IgG positive, IgM negative**
  - Same result

- **IgG positive, IgM equivocal**
  - Same result

- **IgG equivocal, IgM positive**
  - Possible recent infection or false-positive IgM

**Abbreviations**

- AC: Acetone fixed
- HC: Formalin fixed
- IgG: Immunoglobulin G
- IgM: Immunoglobulin M
- PCR: Polymerase chain reaction

**References**