



March 2011

## ***Toxoplasma gondii* IgG serology- Change in screen testing methodology**

To Health Care Providers:

Effective April 11, 2011, the Ontario Agency for Health Protection and Promotion (OAHPP) public health laboratories (PHL) will replace its current enzyme immunoassay (EIA) test for the qualitative detection of IgG antibodies to *Toxoplasma gondii* in human serum with a chemiluminescent microparticle immunoassay (CMIA) test.

The *Toxoplasma gondii* CMIA assay has a reported sensitivity of 99.7 percent and a specificity of 96.5 percent.

*Toxoplasma gondii* IgM testing is also available for diagnostic samples or when specifically requested.

When requesting serologic tests for Toxoplasmosis, please indicate if:

- Sample is for diagnosis, (in which case both IgG and IgM will be tested)
- Sample is for immunity, (in which case only IgG will be tested)

Please also include any relevant clinical signs, symptoms and history suggestive of Toxoplasmosis.

### **For further information:**

- OAHPP Customer Service Centre toll free at **1-877-604-4567** or **416-235-6556**.
- For the OAHPP Specimen Collection Guide and previous Labstracts, refer to <http://www.oahpp.ca/publichealthlaboratories.php>
- The current version of the PHL laboratory requisition form is available at <http://www.oahpp.ca/resources/requisitions.html>